Chemist & Druggist

March 30 1974

THE NEWSWEEKLY FOR PHARMACY

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Contractors: 'fight for independence'

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The newsweekly for pharmacy 30 March 1974 Vo. 201 No. 4906 115th year of publication

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tor Arthur Wright, FPS, DBA outy Editor R. E. Salmon, MPS rkets Editor W. S. Bowman, MPS, MIPharmM

hnical Editors Adrienne de Mont, B Pharm, MPS F. Preece, BSc, MPS rmation Services I. H. Cotgrove

rertisement Manager James Lear

rertisement Executives
Soster-Firth, MPS n Thelwell

duction G. Jenner

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s Carmen Morgan: face-to-face a gunman (see p 359)

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Professional Pharmaceutical Society

Pharmaceutical Society of Ireland

'Overshadowed' medicines campaign prompts new plan for better public relations

The Council of the Pharmaceutical Society of Ireland decided, at its monthy meeting on March 12, to set up a special Communications Committee to advise on public relations matters.

The meeting also decided to request the Department of Health to extend by one week the time limit on the scheme for inviting members of the public to deposit heir unused medicines in community pharmacies.

The president, Mr R. J. Semple, agreed with comments received from many parts of the country on the unused medicines cheme that their expectations of a highly successful "launch" had not been fully ealised. He hoped the 1974 project would be the beginning of many similar schemes, and that a constructive analysis of their first effort would help to ensure the success of future plans.

Publicity in the public Press and in the media generally, Mr Semple went on, had been overshadowed by many events of greater national significance. He looked forward to continuing their useful copperation with the Department of Health in future programmes in the public interest, and expressed his thanks to the wholesalers for their assistance in distributing publicity material.

Public 'exposure' expected

On the proposal of Mr J. F. Brady, seconded by Mr R. J. Power, it was decided to set up a Communications Committee. Mr Power said they could anticipate "ruthless public exposure" during the coming months on a number of issues, including family planning and on the aftermath of thalidomide. Whatever spokesmen were appointed to deal with such controversial issues should have the benefit and backing-up of an adequate information service.

A letter was received from Mr John O'Loughlin, secretary, Kilmaine, (Co Mayo), Community Council, asking for assistance of the Society in securing the re-opening of a pharmacy in Kilmaine. Mr O'Loughlin pointed out that since the death of Mr Patrick C. Garvey MPSI some months ago, the area was without a pharmaceutical service. Ballinrobe five and a half miles away, was the nearest town and all the chemists there were most helpful. It was not the intention of the Community Council to go over their heads in seeking this needed facility. It was agreed that Mr O'Loughlin's letter should be publicised in the pharmaceutical Press.

The registrar, Mr G. Coleman, reported that approval in principle had been given by the Higher Education Authority for the erection at 18 Shrewsbury Road of a

temporary structure capable of housing a multi-purpose laboratory for 50 students, and ancillary facilities. He added that it would be necessary to have plans and an estimate of the cost of the project submitted to the authorities in due course. The president said it would be an important step in relieving problems of accommodation in the College of Pharmacy.

The registrar reported that he had written to the Minister for Health expressing concern that the Animal Remedies Act of 1956 was being used to control the sale and distribution of medicines for animal use. One of the major benefits of the 1961 Poisons Act, namely the codification of enactments relating to the control of "poisons" would be lost if the Animal Remedies Act was to be used to distinguish between medicines for animal use and medicines intended for the treatment of human ailments. The letter also protested against delay in bringing into operation important sections of the 1961 Poisons Act and the 1962 Pharmacy Act.

The Council was informed that a complaint had been received from a member of the public who alleged that when he visited a community pharmacy in Dublin with what he considered a reasonable complaint, he was treated in a rather abusive manner by a member of the pharmacy staff.

The president said that the person complained of was not, in fact, a pharmacist, and it was appreciated that pharmacists and their staffs were often subjected to unfair criticism by members of the public who did not understand the pharmacist's responsibility. Nevertheless, there was no excuse for treating customers in a discourteous manner when they felt they had a reasonable grievance.

EEC report

Mr Power submitted a detailed report on EEC affairs arising out of the recent meeting with Mr R. Barry TD, parliamentary Secretary to the Minister for Health. It had been agreed that a detailed memorandum would be submitted to the Department before June 1, explaining the policy of pharmacists in relation to the EEC. The Council decided to give every assistance possible to the EEC Committee in this important project.

A letter was received from CIBA Laboratories warning that a small crack may be occurring in the tip of a small percentage of ampoules containing Nupercaine solution (see C&D, March 23). In such circumstances it could be extremely unwise to use the contents. Pharmacists are advised that Nupercaine ampoules should not be used at present if any acceptable

alternative is available. If any ampoule had been stored at any time in an antiseptic or other solution, for example phenol, these ampoules should be destroyed. If any ampoules showed visible defects or crystal growth they should be returned to the manufacturer. Full rebates would be allowed for ampoules destroyed, or returned for credit.

Arising out of a report stating that phenacetin, and preparations containing it, will be restricted to prescription only in the UK from January 1, 1975, the president said that the Society in Ireland had advised pharmacists some years ago to warn customers using phenacetin or its preparations on a regular basis, that they could suffer kidney damage. It was possible that the Irish Department of Health would take some action restricting the sale of the drug. Most of the proprietary analgesics now on the market did not contain phenacetin but it was an ingredient of some official preparations. He was confident that Irish pharmacists would advise their customers in appropriate circum-

Register changes

The following having submitted marriage certificates were granted change of name in the Registers: Mrs M. C. McKeon (née Moran) LPSI, Mrs A. M. Cullimore (née Holden) Asst, Mrs E. Giltinan (née Donovan) Asst.

The following changes of address were noted:— Mrs Madeline Creed, LPSI, to Codrum, Macroom, co Cork; Mrs Helen T. O'Flynn, MPSI, to Via Firenze, 2, (angola vie dei Laghi 67) 00043 Ciampino, Rome; Mr John Byrne, MPSI, to Albert Lodge, Stillorgan Road, Donnybrook, Dublin 4; Mr Lalloo Bhagwan, MPSI, to 11 Clonard Avenue, Dundrum, Dublin 14; Dr Desmond Fitzgerald, LPSI, to 42 Townsend Drive, West Boylston, Mass. 01583, USA; Mr Fionan Harty, MPSI, to Dunkerry House, The Spa, Tralee, co Kerry; Mr John J. Kelly, MPSI, to Springfield Pharmacy, Springfield, Tallaght, co Dublin; Mr Mervyn Maxwell, MPSI, to Newbridge, co Kildare; Mr Michael J. Moynihan, MPSI, to 167 St Mobhi Road, Glasnevin, Dublin 9; Mr John J. Smith, MPSI, to Parkside Hotel, 7 North Circular Road, Dublin 7; Mrs Nora Bhagwan, Asst, to 11 Clonard Avenue, Dundrum, Dublin.

The following were nominated for membership of the Society:— Eileen Teresa Cronin, LPSI, Bishopstown, Cork; Mary M. Joy, LPSI, Silverspring, Clonmel, co Tipperary; Jeremiah G. Houlihan, LPSI, Castleconnell, Limerick; Catherine F. P. Leahy, LPSI, Roxborough Road, Limerick: Margaret M. McAdams, LPSI, Clontarf, Dublin 3; Mary C. McKeon (ée Moran) Swords, co Dublin; McLaughlin, LPSI, Blackrock, co Dublin; Colette Melvin, LPSI, Milltown, Dublin; Mary O'Donoghue, LPSI, Tuam, co Galway; Margaret Nagle, LPSI, c/o Mooneys, Maudlin Street, Kells, co Meath; Michael F. McGourty, LPSI, St Monica's, Long venue, Dundalk, co Louth.

The following were elected as members: — Finbarr M. Cahill, Michael Harrington, Mary Heffernan, Marjorie King, nn McBrearty, Angelina McCarthy, Maurice McGee, Ann B. Nolan, Susan C. O'Dwyer, James T. Power, Timothy Teehan, Neville Thom.

Minister foresees growth in pharmaceutical industry

The Irish pharmaceutical industry is a "lusty infant", according to the Republic's Minister for Health.

Speaking at the annual dinner of the Pharmaceutical, Chemical and Allied Industries' Association recently, the Minister, Mr Brendan Corish, said the industry was one of the tastest-growing sectors of the 1rish economy and mainly export orientated. Ireland "seemed to have a particular attraction" for international companies involved in pharmaceutical and chemical manufacture. Gross output had risen from £27.5m in 1971 to an estimated £57.3m last year, with exports rising over the same period from £16.6m to an estimated £42m — almost all the increase being attributable to exports. He described the industry's employment position as "healthy" 3,824 people were employed in 1971 and approaching 5,000 people would be employed by the end of the year.

It was necessary that there should be further agreement on the conditions under which a national licence would be valid over all EEC countries, said Mr Corish. The establishment of an international committee of experts was proposed (by the draft revised second directive). Such a committee would regularly examine and report on the merits of products submitted for licence in the different countries; it would not have power to over-ride the decisions of a national authority, but it was noped that the committee would provide a forum to promote mutual confidence and help. The Minister stressed nowever that there could be "no question of suspending the evolution of a national policy" until final agreement nad been reacned at EEC level. Officials of his Department had had talks with the Pharmaceutical Society of Ireland to devise procedures for the individual pharmacist's advice to be available at every stage of development of pharmaceutical services.

Mr J. J. Goti, president, PCAI, said that seven international companies had set up in Ireland in the past two years and a further 11 had plans to establish manufacturing plants in the near future. "The Irish industries are still very small compared with the giant European chemical industries, but I feel that the export figures will look very small in five years time," he added.

Committee elected for Eastern Region

Pharmacists from the Eastern Region have elected their area committee for a period of one year. The meeting in Dublin on February 27 produced the following representation:—Dublin North Mrs Peggy O'Connor, Denis G. Murphy, Donal Quill; Dublin South Andrew Coleman, Jack Travers, Michael Shannon; Wicklow R. J. Power, Malachy O'Brien; Kildare Mrs Cora O'Connor; employees John E. Burrell; hospital pharmacists Seamus Fox; wholesalers Eamon Foley; industry Tom Wickham; representatives Robert Nutty.

The committee will co-opt not more than an additional seven members. Mr George Ledwith, secretary-general of the Irish Pharmaceutical Union, told the meeting that he hoped to remedy the situation in which there was lack of communication between regional committees. Cork was well organised but some areas depended on "a kind of bush telegraph". Each region had the right to be represented on the national executive of the Union.

Mr John Burke, chairman of the Community Pharmacists' Section of the Union, said that representations would be made to allow individual pharmacists in the GMS scheme not to dispense prescriptions for contraceptives if they had a moral objection to doing so. "It is impossible to anticipate what specific changes will be made in existing legislation but we must

consider a situation in which contraceptives would be available on prescription". If contraceptive items were to be provided under the GMS scheme, the Negotiating Committee must ensure that the pharmacists' contractual obligations would be waived in respect of members who decide not to handle contraceptives.

Mr Noel McManus protested against the terms of a resolution passed by the Council of the Pharmaceutical Society of Ireland at the December meeting concerning the scale of contraceptives. Following the business Mr Burke and

Following the business Mr Burke and Mr Ledwith dealt with many questions concerning the operation of the GMS scheme. Mr J. E. Burrell was in the chair.

Traders prosecuted

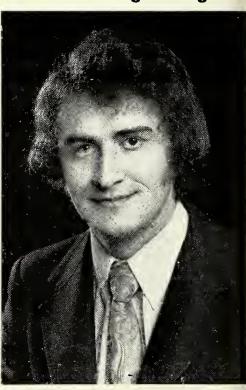
Fines, costs and expenses amounting to £100 were awarded against Co-operative Animal Health Ltd, Tullow, co Carlow, and their van salesman Mr Laurence O'Donoghue, at Bandon District Court on March 1. The case, which was heard by District Justice O'Donovan, was brought by the Pharmaceutical Society of Ireland and concerned a breach of the Poisons Act 1961 (Paraquat) Regulations, 1968.

Mr Patrick Cummins, the Society's senior inspector, gave evidence of having

purchased a quart of Gramoxone from M O'Donoghue who was in charge of a va at Bandon Cattle Mart on June 18, 197. According to official figures there had bee 49 deaths from paraquat in the Republisince its introduction, 24 of them occurring in 1972 and 1973. The defendant claimed that the Gramoxone was in the van for delivery purposes and was no intended for sale.

In another case, Tru-Valu Ltd, Patricl Street, Cork, were summoned by th Southern Health Board on behalf of the Pharmaceutical Society of Ireland for a breach of the Medical Preparations (Control of Sale) Regulations, 1966. An inspector of the Society provided evidence that an unqualified person had sold a lotion containing diphenhydramine hydrochloride in a premises which was not a legally constituted pharmacy and which was being conducted by the defendants A fine of £3 was imposed and costs and expenses totalling £38 were awarded against the defendants.

New marketing manager



P. C. Cahill & Co Ltd, Dublin: Mr Patrick Dunne has been appointed marketing manager of the company and heads a sales force of 11 pharmaceutical sales representatives in the Cahill-May Robert's group. Mr Dunne qualified as a pharmaceutical assistant in 1964 having served his apprenticeship with Mr P. Fitzgibbon, MPSI, Mitchelstown, co Cork. Prior to taking up his present position he was sales executive with May Roberts in Eire. He is a member of the Irish Marketing Institute.

Deaths

Mangan: Recently, Mr Vincent Paul Mangan, MPSI, 15 Bridge Street, Tralee, Eire. Mr Mangan qualified in 1936. After qualifying Mr Mangan opened a pharmacy at William Street, Limerick, but on the death of his father in 1948 he took over the family pharmacy at Bridge Street, Tralee, where he conducted a practice up to his death. He was a brother-in-law of Mr Maurice Power, MPSI, Limerick.

Comment

ut patients first

object lesson in "how to win friends and influence ople" was given by Mr Bob Worby at the meeting of a contractors committee representatives on inday (p. 376).

Mr Worby had a great deal of experience in nanipulating" grass roots committees before he oved "up" to the central organisations in pharmautical politics, and the hints he gave on how to have in committee were much appreciated by those the meeting. He and his colleagues in North-East ndon have won for themselves considerable luence within the profession (their's was the stigation of the Linstead working party, for example), t it is in the respect that they have achieved for the ofession among lay people and other professions cally that they have had most to offer by way of a son.

As has so often been said in these columns, the rner stone of that lesson is to put the patient's erest first. Most of the arguments put forward for a licy—particularly in times of "reorganisation" are unded on the result being professionally more atisfying", money saving, or more "administratively nvenient".

Rarely does the patient come first (as a speaker on HS reorganisation recently pointed out, most tempts at drawing administrative diagrams with the tient at the top instead of the Minister, usually ished up being turned upside down!)

But under the reorganisation structure there are any new people involved who have a *duty* to put a patient first—and they are the ones likely to be endly to pharmacy's cause.

Because, almost uniquely, there is little in the tient's interest that is not in pharmacy's interest.

Harmonisation

At first sight, the EEC Veterinary Conference in Dublin (page 371) might have had little interest for general practice pharmacists. However, Dr Storie-Pugh's views on the harmonisation of veterinary medicines legislation, and the question of who is the best person for the distribution of veterinary medicines, are extremely relevant, and some opinions were voiced concerning the veterinary surgeon's equivalence to the pharmacist in matters of distribution.

In his closing remarks, Mr C. C. Stevens commented that the area of harmonisation of legislation on distribution had been "rather neglected" by the EEC commission. "Something will have to be done so that the professions will know where they stand and where they are going."

He thought that industry experts should participate in EEC working parties on the directives and that the Irish and UK delegations and industry should try to persuade the other EEC governments that "flexibility" and consultations before regulations are published "is a good thing".

The professions' responsibility was perfectly summed up by Dr Storie-Pugh when he said: "One point must continually be made in discussions on future harmonisation. The veterinary profession—in common with all other professions—must not approach negotiation in a spirit of self-interest. The public interest whether it be in relation to man or in relation to animal is the essential criterion. A profession can have no other rational role."

It is a sentiment that has obviously gained some ground in the past week.

ot lid sale alises £1,000

rare Staffordshire under-glaze coloured t lid broke all price records at the ction sale of the collection of C. lliam-Wood on March 14. Believed to unique, it was sold for £1,000. It was ide for the New York Exhibition of 53 by T J and J Mayer of Dale Hall, ngport, Stoke-on-Trent, as an exhibition ice. The auctioneers were Messrs. illips Son and Neale, London W1.

Out of a total of over 300 pot lids only dozen had the bear motifs indicating at the pots had originally held bear's ease. Bear's grease pomades came into gue about the end of the 18th century en wigs went out of fashion.

The first two bear subjects were lids titled "Alas! poor Bruin", one had a tern (£45), the second without lantern 10). "Bears at School", a small lid tched £52, "Bears on Rock", medium

and small realised £42 and £38 respectively. Another, "Shooting Bears", small with base brought £52.

"Bears reading Newspapers", a rare lid found a buyer at £260. Two examples of "Bear Hunting" both labelled "Ross & Sons' Genuine Bear's Grease perfumed, 119 & 120 Bishopsgate Street, London" made £110 and £100 respectively.

"The Arctic Expedition" based on a George Baxter print published in 1848 depicts the search by Sir John Ross for Sir John Franklin in North Canada, lost trying to force the north-west passage. (£120). The pot lid was produced by T J and J Mayer of Longport who also issued "Polar Bears" (£45).

"Bear attacked by Dogs" based on the famous picture by Frans Snyders, was probably made in 1847. The pot lid, which was unsold, may be attributed to F. & R. Pratt & Co of Lane Delph, Fenton, Staffs.

"The Outs" (which has a companion lid "The Ins") shows a bear dressed in a smock, standing erect, who has called for a bed for the night at a lodging house (the landlord is not very pleased to see him) realised £110.

The collection also contained a number of toothpaste lids in black and white, etc, which fetched moderate prices.



'Profession-trade relationship is being threatened'

The three major factors currently affecting the future of pharmacy are heavily weighted in favour of separating retail pharmacy from retail trade, it was claimed last week.

Speaking at a combined meeting of the York Branch of the Pharmaceutical Society and Boots Pharmacists Association, Mr Henry Howarth, Boots Co, named the three factors as the NHS Reorganisation Act, the Medicines Act and the EEC.

Under the Reorganisation Act a fully developed health centre programme could be serviced by about a third of the present number of pharmacies. They would be highly professional — and highly profitable until integrated with the hospital service under the control of the newly appointed pharmaceutical officers. Factors delaying the change would be shortage of capital to accelerate the health centre programme, chemists' reluctance to abandon the contractual service, the serious effect on the complete pharmaceutical service and on established pharmacies, and the dramatic upheaval in the manpower situation.

The Medicines Act, with its reduction of inventory, new standards of operation under Section 66 (with possible refusal of registration), control of advertising, its onerous requirements of supervision of sale of all medicinal products and dispensing (whilst possibly allowing free sale of a wide range elsewhere), would improve the professional image of pharmacy without providing the financial means.

The adoption of draft EEC directive five, stubbornly supported by Council, would so alter the present pattern of retail pharmacy by restricting the inventory (not even photographic goods) and elimination of even the smallest company operation, that it was bound to have serious repercussions.

What were the chances of pharmacy in Britain continuing in its traditional way? Mr Howarth pointed out that the environment in which it had developed — with the traditional British freedoms of establishment, movement, free enterprise, and aptitude for trading — had established, within voluntary professional standards, a pharmaceutical service to the public that was almost beyond criticism.

"Today the public expects, and often demands, a retail pharmacy business (the call from the public is still for a chemist's shop) in every new town, shopping precinct or any new development. Not a dispensary — a full traditional unrestricted service."

Mr Howarth said it was now, more than ever, only possible to provide such a modern, bright, spacious pharmacy by engaging in commercial activities and meeting competition by adopting up-to-date methods of buying and selling. "In such premises the professional image can still be effectively enhanced and the public obviously appreciate such first-class pharmaceutical service. It is certainly more professional than a dispensary in the kitchen in an old house."

All were now fully aware how total limitation of pharmacies in Sweden had led quickly to nationalisation, said Mr Howarth, who thought that the British

profession would be reluctant to abandor its freedoms for restrictive controls and to hand over its traditional pharmacy business. The speaker added that even M1 Braun, a director of the EEC Commission could not believe that the Society would blindly support draft directive five. It was doubtful if it would be adopted in its present form.

"We all know that with a shrinking number of pharmacies, redundancies and serious personal losses can occur but what is paramount is the serious restriction to the public of pharmaceutical advice as well as the loss of a convenient dispensing service. Will the public, the new NHS community councils, the Government and the Pharmaceutical Society sit back and let this first class public service disappear?"

Mr Howarth's conclusion was that he did not think that retail pharmacy and retail trade should be divorced but should continue in "cohabitation".

Price controls to be strengthened

The Government intends to act soon to strengthen price controls.

A consultative document issued last Monday by the Department of Prices and Consumer Protection includes amendments to the Price Code to cut by one-tenth the profit margins of shopkeepers, wholesalers and dealers. For example, a distributor now required to operate within a gross percentage margin level under the Code of 20 per cent would now have to operate within a level of 18 per cent.

The Government proposes to restrict retailers from repricing existing shelf stock when the cost of replacement stock is increased. However, goods which are on special offer for a set period may need to be repriced at the end of that period. The best way to handle this and other problems eg trades where stock turnover is exceptionally low, will be discussed with trade representatives during the consultations. The Government is arranging talks, due to be completed by April 9, with the main representative bodies concerned.

A further proposal is that firms should not increase prices within three months of a previous increase on the same product or service, although the Government acknowledges that this rule may be too harsh in some situations.

The Price Commission would also be able to delay price rises of medium-sized companies from the present 14 days to 28 days. Other amendments would require pre-notification to the Commission of price increases under cost adjustment clauses introduced after March 26. These clauses provide for automatic price increases when costs rise, which at present do not need to be pre-notified.

'Script' service for elderly

A prescription collection and delivery service for the elderly and infirm is to start soon in Calney, Coventry.

For a trial period of six months, the Canley Residents Association will collect the prescriptions on a "good neighbour" basis and take them to the local sub post-office. Three Canley pharmacists will dispense them.

The scheme is to be carried out in consultation with the Coventry Pharmaceutical Committee and the Pharmaceutical Society.

Mr F. Crosland of Swinton, Lancs, receives a cheque for £500, the first prize in a competition recently organised by Sweetex for retail pharmacists. Presenting the cheque is Mr R. Danforth, sales manager Crookes Anestan Ltd. Right, is the area sales representative, Mr A. Pennington.



lew faces for **IPU** Executive

The National Pharmaceutical Union Extive Committee has three new members a result of the elections just completed. A. Aldington did not seek re-election the Metropolitan area, nor Mr A. wells in Southern 1 area. They are reced by Mr Lewis Priest and Mr J. C. N. lford.

In the Southern 3 area, Mr J. O. Bond t his seat to Mr G. J. Hendra. Mr Bond s involved in a tie in the Central Conctors Committee election (C&D March and at Sunday's area committee repreitatives meeting (p 376) he lost his place that committee to Mr R. R. C. Kitchen. The NPU election voting figures were:-

etropolitan		
wis Priest	elected	257
G. Worby	re-elected	236
N. Sharpe	re-elected	173
Jackson		156
J. Masters		122
orth-east 2		
R. Rutter	re-elected	107
Hazelhurst		91
orth-east 3		
Royce	re-elected	108
Larder		92
orth-west 3		
C. Leigh	re-elected	139
S. Knowles		108
uthern 1		
C. N. Wilford	elected	128
R. More		94
uthern 3		
J. Hendra	elected	124
O. Bond		91
estern 1		
Maddock	re-elected	41
P. Lowe		40
estern 2		
T. M. David	re-elected	110
R. Evans		72
In Northern Irela)'Rourke
s returned unop	posed.	

In a ceremony at Irish Society's headquarters recently, Mr R. J. Power, immediate past president, presents his portrait to the Society. In the picture are, left to right, Mr R. J. Semple, president, Mr R. J. Power and the artist, Mr Pat Phelan



Contractors reject container offer . . .

A 0.1p increase in the container allowance has been rejected by the Central NHS (Chemist Contractors) Committee. The Department's offer is described as "totally inadequate" to cover recent increases in the cost of bottles.

The Committee is again to press the Department to carry out a factual inquiry into the present cost of containers being used, with a back-dating of the new allowance to January 1.

... and 'safety' plan

A suggestion that pharmacists could supply "child-resistant" containers to patients presenting NHS prescriptions, provided that an appropriate charge was made, has been rejected by the Central NHS (Chemist Contractors) Committee.

The proposal — by the Department of Health — was felt by the Committee to give the impression that the safe-keeping of dispensed medicines rested on the patient's ability to pay. A statement by the Committee following its meeting on Tuesday said: "In any case the Committee was not convinced that available safety containers provide an adequate degree of protection and that therefore their use

may engender among the public a false sense of security and a lessening of care towards medicines not similarly packed.

"If the Department disagreed with that view it should make it a requirement for all dispensed medicines to be supplied in 'safety' containers and for the pharmacist to be reimbursed accordingly without the charge falling directly onto the patient." The Committee considers the public should continue to be educated to keep all medicines out of the reach of children.

Man with gun demands drugs in pharmacy

Miss Carmen Morgan, the young pharmacist who was managing premises opposite the old Bailey bomb blast last year (C&D, March 19, 1973, p 326), was confronted by a gunman while in charge of a West London pharmacy last week.

At 9 pm — the pharmacy is open until 10 pm — a man with a scarf round his face and holding a gun entered the dispensary and demanded cocaine, morphine and heroin. He was told that these drugs were not stocked. Next he produced a plastic bag and demanded that it be filled with amphetamines.

Miss Morgan, who was alone with a girl pharmacy student working as an assistant, asked the man to wait outside the dispensary. He went, but probably because a customer was becoming impatient in the shop and was "tapping an umbrella on the floor". The man picked up his bag and "ran for all he was worth" said Miss Morgan, who closed the premises and called the police. No trace of the man was found.

octor seeks to abolish barbiturate prescribing

Ipswich doctor is hoping to persuade ctors to stop prescribing barbiturates.

Dr Frank Wells, chairman of the Ipsch Liaison Committee on Drug Abuse, els that barbiturate prescribing has conued at an unnecessarily high level for too long. He has written to several edical journals inviting doctors to join m in setting up an action group on rbiturates.

Dr Wells told C & D he wished to see entual control of these drugs under the isuse of Drugs Regulations. Dr Wells d his partners have prescribed no barturates, apart from phenobarbitone in ilepsy, for the past three years. During s time there have been no deaths from erdoses in their practice of seven and half thousand patients.

Some patients were transferred to non habit-forming alternatives and then persuaded to do without hypnotics altogether. All patients were able to give up barbiturates within three months.

"Already a fearful amount of damage has been done to teenagers who have misused barbiturates just because they have been so widely available.'

Dr Wells suggests that doctors should not prescribe barbiturates to people under 18 nor to persons unknown to them, so that temporary residents should not be able to obtain supplies until their previous doctor has been consulted.

So far Dr Wells has received a "gratifying response" to his letters. He recently conducted a similar campaign to persuade doctors to stop prescribing amphetamines.

Doctor left blank forms

A Mexborough doctor left blank signed prescription pads with local pharmacists for them to fill in later, the General Medical Council Disciplinary Committee was told recently.

The police had discovered the arrangement whereby certain patients could obtain drugs from the pharmacies without any written authority by the doctor, Dr William Dallas Smith. He was later convicted of conspiring to contravene the Therapeutic Substances Act 1956 and the Committee decided he should be suspended from the register for 11 months.

Chemist is best buyer but poorest seller

The retail pharmacist was "the best buyer but the poorest seller" among shopkeepers said Mr A. G. Trotman, managing director, Independent Chemists' Marketing Ltd, last week. Speaking at the Royal Society of Health's Pharmaceutical Group Luncheon Club, Mr Trotman again emphasised that the majority of retail pharmacists could never expect to derive a satisfactory level of income from pharmacy alone. Therefore otc sales were vital to them.

The Care voluntary trading organisation was set up for independent chemists to assist them in buying on favourable terms, in providing a unified advertising and merchandising service etc. The scheme ad attracted just over 2,000 members fince it began but because of the shortage of goods of the right type available for promotion, recruitment had temporarily been suspended. Continuing Mr Trotman said "The Care scheme, of course, has its critics, and the major criticism has come from the use of the word chemist in advertising. Those of us with the responsibility of communication with the shopping public (via newspaper advertisements) know the importance of 'directing' readers to the shops to which the advertisement applies; the whole purpose of advertising is to increase shop traffic. Unless our advertisements clearly and boldly state the type of shop to which the Care symbol is applicable, the real value of the advertisement is lost. Our research indicates that the vast majority of retail pharmacists wish to identify themselves as 'chemists' — the name by which they are known to the British public. We respect the views of individuals and official bodies that wish to retain 'chemist' as a resricted title, but to help the independent chemist to compete — to stop chemists' shops closing at the rate of close on 300 per year — to continue to maintain a high standard of pharmacy service to the public, something must be

New controls on nitrates in Northern Ireland

New controls on potassium nitrate and sodium nitrate come into effect in Northern Ireland on April 2.

It will be an offence for anyone to manufacture, sell, acquire, transfer, store, transport, handle, use or dispose of these chemicals or any mixture or solution containing them (except fumigants) without a licence.

The introduction of the Explosives Regulations (Northern Ireland) 1974 means that any pharmacist wishing to stock or sell potassium nitrate or sodium nitrate must apply immediately for a licence, giving his reasons. Each application will be judged on its merits. Application forms are available from the Northern Ireland Office, Firearms and Explosives Branch, Room 309, Dundonald House, Belfast BT4 3SU.

Pharmacists without licences must get rid of all stocks of the chemicals by April 2. For large quantities the police will arrange to have stocks taken away and give a receipt and a claims form on which the pharmacist must state the cost price of stocks before returning the form to the address above.

A licence will be refused if stocks of potassium nitrate or sodium nitrate are held only for veterinary use.

Fine of £480 for inadequate records

A Pinner pharmacist was fined £480 last week for failing to keep adequate drug records.

Mr William Carter, director, Carter Chemists, 24 Bridge Street, Pinner, pleaded guilty to 12 summonses of failing to keep a proper record of drug transactions. He asked for 161 similar offences to be taken into consideration, the offences taking place in August-September 1973.

Some of the offences were said to have occurred becaused he was using an old loose-leaf register which was falling apart, others were caused by difficulties occurring when wholesalers failed to supply duplicate delivery notes and other offences involved prescriptions not written correctly by the doctors who would also be prosecuted.

Budget—only marginal changes in VAT

Among the changes announced by the Chancellor in his Budget on March 26:—VAT: Sweets and soft drinks brought within the tax range from April 1

NATIONAL INSURANCE: Contributions, employer's flat rate up 44p, employee's contribution reduced by 9p

tribution reduced by 9p Corporation tax: 52 per cent for 1973 financial year, small companies 42 per cent, Co-ops 40 per cent

Post Office: Provisional plans point to first class letters 1p up to $4\frac{1}{2}$ p, second class up $\frac{1}{2}$ p to $3\frac{1}{2}$ p. Telephone bills increase 15-20 per cent

CUSTOMS AND EXCISE DUTIES: Spirituous beverages increased £2·10 per liquid gallon. Other spirits except perfumed spirits increased £1·56 per proof gallon. Wines customs duty increased £0·545 per liquid gallon. Wine exceeding 42° proof spirit additional duty for each degree or fraction of a degree in excess £0·045 per liquid gallon. Excise duty on all British wine up

£0.545 per liquid gallon. Estimated i crease of 20p per bottle of spirits and 1 per bottle of wine.

PETROL: Subject to VAT April 1. OVERDRAFTS: No tax relief.

Bloomsbury sale delay might have cost £1m

If the Pharmaceutical Society had not so its Bloomsbury property last year bi waited until now the Society would b about £1 million the poorer. This we mentioned by Mr Desmond Lewis, th Society's secretary and registrar last wee when he replied to the toast to the Societ at the annual dinner of the Western (Lor don) Pharmacists' Association. The property, he said, was bought twelve year ago for £260,000 and the sale last year realised £4.2m — a reasonable price base of course on the site's potential develop ment value. Since then there had been fall of around 25 per cent in property sit values in London.

About the new site at Lambeth M Lewis said there was "nothing to see yet although work had commenced. It was supposed to take 27 months to complete but none of the builders would give either a firm price or a "delivery date".

Speakers at the dinner, congratulated branch member Clifford Evans on receiving the year's Charter silver medal.

Imferon recall

Fisons are asking pharmacists to withdraw from stock some batches of Imferon of which control samples have shown the gradual deposition of particulate matter. The batches concerned were filled into 20ml ampoules, batch no DA11A and 2ml disposable syringes, batch no FT4A. Pharmacists should return stocks of packs bearing those batch numbers to Fisons Ltd, Pharmaceutical Division, quality control department, Regent Street, Loughborough, Leics. Further supplies of Imferon in all presentations are available in adequate quantity.



Mrs E. J. Kimber, a member of staff at the Cowley Centre, Oxford, branch of Rexone Ltd, is congratulated by Mr M. Dickin, Radiol sales manager after he had presented her with a colour television set, first prize in the Biovital crossword competition for pharmacy assistants. The competition was organised by Dr Schieffer—International, Cologne, and their UK distributors, Radiol Chemicals Ltd.

People

John Vane, group research and deopment director of Wellcome Foundan Ltd has been elected a Fellow of the
yal Society. Dr Vane is one of thirtyscientists whose election was anunced on March 22, and is described
the Royal Society as being "distinished for his work on prostaglandin
tabolism and on the mechanism of antiretic and analgesic action of aspirin and
nilar substances".

r Hugh Campbell, representative for thur H. Cox & Co Ltd in Scotland is iring on May 1 after 23 years' service. addition to enjoying a very wide circle business friends and associates, Mr mpbell was a prominent figure at golfing irnaments and was a past secretary of Scottish Pharmacists' Golfing Society, d of the Edinburgh Chemists' Golfing ciety. He will be succeeded by Mr anville Ramsden, the son of Mr Peter msden, the company's Yorkshire repentative.

eaths

III: On March 21, Mr John Irvine Hall, PS, 25 Baberton Crescent, Juniper een, Midlothian. Mr Hall was formerly ef pharmacist at Western General Hosal, Edinburgh, having qualified in 1928.

Vews in brief

Any person objecting to transfer under NHS reorganisation may appeal by ans of the provisions given in the NHS aff Transfer Appeals and Schemes Or-Amendment) Order 1974 (HM Station-Office, SI 1974 no 378, £0.06).

The Department of Health is to set up small grants committee, chaired by the ef scientist, to consider applications for earch grants in health and personal ial services. Projects considered will up to £20,000 total and last for not re than three years.

About 120 ampoules of morphine and morphine were stolen in a raid on the armacy of Falkirk Royal Infirmary retly. Other drugs, including barbiturates, re also taken in the raid which Press ports described as "one of the biggester" drug hauls in Scotland. An arrest since been made.

The US Food and Drug Administration announced the recall of a batch of tisone acetate tablets 25mg manufaced by the Panroy Division of Ormont ug and Chemical Company, New sey, because an asthma preparation was and mixed with the cortisone tablets. e asthma preparation contains theophyle, ephedrine hydrochloride and phenorbitone and FDA say potentially 15 cent of the "cortisone tablets" may be asthma preparation.

Topical reflections

BY XRAYSER

Whither?

The questions asked towards the end of your editorial comment last week deserve serious consideration, for the future of pharmacy in this country depends on finding the correct answers. What is right for British pharmacy? Should it be purely professional or should it be professional tradesman? The question becomes more pressing with the passing of time, for the commercial outlook becomes more marked every year.

It seems strange that the United States, which led the way into the paths we have followed, is now seeking to find whether what has happened pharmaceutically is what the public really wants. You quote the Dichter report as "showing a strong desire (by the public) for the return of the personal pharmacist". I am convinced that that same desire exists here and, indeed, I have had experience of it, but how evident can it become in the wrong atmosphere?

The extra sale

Dichter goes on: "Pharmacies cannot become supermarkets nor can they base their merchandising approach on the fear that the supermarket might sell an extra tube of toothpaste or bottle of shampoo. At some point it is going to be imperative for either the pharmaceutical profession or the individual pharmacist to make up his mind whether he is going to be tradesman or professional. He cannot be both." That, I submit, is precisely the situation in Britain—but the slide continues in the trading direction, in the main, and it is left to the individual to make up his own mind, despite organised large-scale efforts to superimpose the practices of the supermarkets and stores on to pharmacy as a whole.

We have made little attempt to discover what the public wishes in the way of a pharmacy. They make many and varied visits for all manner of things. They go there when they require medicines for illnesses of all kinds, from the trivial to the very serious. And when they have need of medicine for a serious condition they sometimes are forced to seek it from establishments which effectively conceal their true purpose behind a facade of cutprice shampoos and hair-tints—the last place on earth that the uninitiated would expect to find pethidine for a severe condition. The atmosphere and the background are wrong, and even the presence of the personal pharmacist in such surroundings must fail to impress the discerning.

Who decides?

What is said in the Dichter report applies to pharmacy the world over, and I commend the simplicity of the language. I am afraid I cannot say the same for the report of the public relations consultants in connection with the Care scheme. I read your quotation from it, as I had read the original in November last, and must confess to being no further forward. You pose the question in regard to pharmaceutical service, should it be the public or the profession that decides? Ultimately the public does. It tends to shop at the supermarket or supermarket-pharmacy for its shampoos and hair preparations and to go to the more dignified pharmacy for its surgical sundries and medicines.

To cater for the public needs in the field of medicines to the ultimate exclusion of the catch-as-catch-can may be shortsighted, as we are frequently reminded, but it is a more rewarding occupation. There are still pharmacists who derive satisfaction from practising their art, otherwise there would be no hospital service. And there are still pharmacists in general practice who eschew the cut-and-thrust of modern merchandising. First things first.

Letters

Relationships undermined

I think it is rather naive of Messrs. L'Oreal to say that when they have opened the "flood gates"—that is supermarkets—for their product Ambre Solaire, it would not affect their relationship with chemists. But it might affect the chemists' relationship with them.

If I had to depend for my livelihood on sales of L'Oreal products I would not live long.

W. J. Taylor Londonderry

"Chemists' supplies will not be affected," claim L'Oreal, after announcing distribution of Ambre Solaire through grocery outlets. Rubbish!

Allocations of stock have for the second year running been kept back by at least 25 per cent. I am sorry but I no longer believe anything that L'Oreal now state. Obviously they must have a new policy—"Sell the chemist down the river".

I for one have had enough and many of my colleagues on the south coast feel the same. Last year I, and I believe others, refused to stock their new toiletry line as a token protest. This year I am certainly not recommending Ambre Solaire (not having much to sell anyway, the local grocer has it all). I am also seriously contemplating not stocking other lines in their range as of now.

In these troubled economic times the last company we want to support is one who kicks us when we are down. Now is the time to kick back, action speaking louder than words.

Michael Reynolds Highcliff, Hants

Counting the cost

I've known him for a number of years; we have a number of common local interests. I have therefore always had more than a professional interest in his well being and he has regularly confided in me. Therefore there was no obstacle to discussion when he brought in a "problem" script. The difficulty was not one of interpretation but of stock.

The request was for "Tabs slow K mitte 500, 1TDS; Valium 200, 1 twice daily" I could not meet all the demands and when I explained that he could have but 100 of the first item and all of the second, he said there would be enough. "After all" he added, "I have just been given these to tide me over until I visit the hospital." When asked about the date of his consultation he said it was "in less than three weeks".

I was still trying to work it out when I read the news item "Patients should know more of drug dangers" in last week's C & D. It refers to a drug that is available to the public only on prescription and said to be responsible for 217 deaths. My

customer is a sensible sort of chap but even so 500 tablets instead of say 70 and 200 instead of say 45 is surely adding unnecessarily to drugs in circulation to say nothing of the cost.

The news item reveals that "the dangers of some drugs should be more widely known to the patient says a report in a British Medical Journal". Surely it should begin by educating its readers in mathematics and costs.

Abacus

Where do candidates stand?

What does the Pharmaceutical Society do for us, its members, and each one a public ambassador? Just at the moment I find myself hard pressed to find any constructive efforts for us.

We were not consulted or supported by the Council when they glibly accepted the terms of the Common Market draft directives—thank heaven for Mr Braun. They quietly sat back and saw their powers as our statutory controllers taken over by the NHS in the new legislation for reorganisation.

Surely this must be the time for the Society to step into the age-old problem of the lack of supervisory testing of all dispensing for hospital out-patients and by dispensing practitioners. As an employee representative on the North Yorkshire AHA's chemist contractors committee I was shocked to find at a meeting to discuss and accept the model drug testing scheme for April 1 that even if we chose not to accept then the Family Practitioner Committee will still pass the scheme since it is theirs to accept once we have been "consulted".

At this time of Council elections we must ask candidates what they are going to do for us.

E. Croucher Thirsk, Yorks

Confusion?

A Hampshire pharmacist has sent us a photocopy of the prescription shown below. It has fifteen items, a record for one form so far as his business is concerned. He writes: "As you can see, the quality of the doctor's handwriting is excellent and the entire prescription could be used as an example to other less diligent members of that profession". Less confusion for the pharmacist, perhaps. But for the patient . . .?

R. Dyakin 0.25 mgm od NP
hasie fongman m 50 Slavki tolo m. 150
DF118 in m 100 / Kolamyl lone pm.
Butacrte ; tils 1150 / Stemetil Singmittle
Librar longentes m/so / Theograd; but
Trunal 200 mgm i-ii on m 100
Ampiculin 250 nigm gots m 80
Amorel 250 mgm goh m 80
Must Morph & Specia Clone gots 2x Soone
Diconal i-ii tel m 200 Thompres
Imptaghen DA ; tols m 150

Hazard of topical drugs in the eye

A potential hazard in the use of so topical ophthalmic preparations was mitioned by Mr J. H. Stewart-Jones, lecture in the department of ophthalmic optics a visual science, City University, at an eving meeting at the Pharmaceutical Societ headquarters last week.

Asked to expand on the observation that eye colour affects drug efficacy, said this was universal for topical ophth mic drugs, especially those affecting to autonomic system. The chromatophos of the uvea created some difficulty for drugenetration, and it was, for example, modifficult to dilate a brown iris than a blue Many proprietary preparations, especial contact lens solutions, contained a smapercentage of phenylephrine, and in succeptible subjects—those with a narrounterior chamber and corneal damage this could cause dilation of the pupil ar precipitate an attack of glaucoma.

Questioned on isotonicity of eye drug Mr Stewart-Jones said it appeared not matter because of dilution by tears.

In his paper, the speaker said that topic preparations were effective mainly in the anterior segment of the eye, the main barrier of penetration being the first layer of non-keratinised stratified epithelium of the cornea. He then outlined the action and uses of the main groups of drugs.

Warning on anticoagulants and chilblain tablets

A reminder that proprietary chilblain treatments containing vitamin K can ad versely affect anti-coagulant therapy i given in a recent British Medical Journal

Two Manchester doctors describe a patient who had been adequately treated with nicoumalone until she started a course of tablets containing nicotinamide 50mg and acetomenaphthone 10mg.

W. B. Pharmaceuticals Ltd, makers of Gon tablets, are planning to print new labels on the larger packs warning against use of the tablets in patients taking anti-coagulants. A spokesman from the company said that previously warnings had been given on their data sheet and patient cards for warfarin, the onus being on the doctor to tell the patient which preparations to avoid.

'Slow acetylators' may show more side effects

The response to certain drugs may vary according to the patient's ability to acety-late them.

The latest *Drug and Therapeutics Bulletin* says about 60 per cent of people in Britain are slow acetylators, the rest are rapid acetylators. The former may suffer more frequently from unwanted side effects to drugs which are metabolised mainly by acetylation, particularly isoniazid, hydrallazine, phenelzine and sulphasalazine.

Reducing the dose of drug usually eliminates these effects and treatment can continue.

Let Carnation help you reap bigger profits from this year's corn crop...



CARNATION — the big name in Corn Caps and Corn Paint — is poised to launch a hard-hitting consumer advertising campaign throughout the Summer in a variety of popular women's magazines.

The campaign will be split into two — the first appealing to the younger women, the second addressing itself to the older market.

The campaign breaks in June and goes through to September. These are the magazines which will carry Carnation advertising:

"HONEY" "19" "JACKIE" "WOMAN'S REALM" "WOMAN'S OWN" "WOMAN'S WEEKLY" & "WOMAN & HOME".

with a combined readership of over 22 million!

STOCK UP NOW—and take advantage of the big demand for Carnation Corn Caps and Corn Paint that's coming your way this summer.

CARNATION®
...a step ahead every time

See your usual Carnation Representative or contact: CUXSON, GERRARD & CO. LTD. Oldbury, Warley, Worcs. B69 3BB. Telephone: 021-552 1355

Newproducts

Babycare

Babymilk Plus from Cow & Gate

A new baby milk with a reduced calcium and phosphorus content is being introduced by Cow & Gate for feeding babies from birth onwards. Babymilk Plus (454g, £0·43) is a blend of milk, lactose, cream and vitamins and the composition of fat, protein and carbohydrate has been adjusted to that of breast milk.

In the recommended 1 in 8 reconstitution, Babymilk Plus contains 65mg calcium and 50mg phosphorus per 100ml compared with 101mg calcium and 77mg phosphorus per 100ml in cows' milk. The lactose content is 50 per cent higher than in cows' milk. The fat is butterfat, all the vitamins required for normal healthy growth have been added and the milk provides 3g protein per kg daily.

The company has produced a new leaflet for mothers, acknowledging the advantages of breast milk and explaining the use of Cow & Gate babymilks. The food will be advertised nationally on television and in specialist mothercraft magazines during the next 12 months. Detailed advertisements will also appear in the medical Press.

Babymilk Plus will be supplied to hospitals as sterilised prepared feeds which are interchangeable with the powder. The feeding leaflet given to mothers on discharge from hospital refers her to the pharmacist for supplies.

Cosmetics and toiletries

A fragrance from Revion

Ciara is a fragrance created by Charles Revson. Described as "round, fresh, alluringly sensual", the fragrance offers a choice of intensity — a highly concentrated perfume and two Colognes, 100 strength and 80 strength. The range consists of a 7cc perfume (£6·50), a 14cc perfume (£11·50), and a 28cc perfume (£20·00), plus a 63cc Cologne spray in the 100 strength (£4·50) and 80 (£3·50), and a 70cc Cologne in the 100 (£4·50) and 80 strengths



(£3.50). The fragrance comes in a faceted glass bottle and is packed in a gold box (Revlon International Corp, 86 Brook Street, London W1Y 2BA).

Pre-moistened tissues

The latest addition to the Aquasil range of personal freshness products is Aquasil Fresh-n-clean tissues (£0·20) — 10 premoistened tissues in individually sealed sachets. The product is being introduced nationally, following a successful 1972 test market; and backing the launch is a sampling trial offer to readers of *Woman and Home* magazine who also get a coupon giving 3p off their first purchase. CIBA-Geigy (UK) Ltd, Simonsway, Manchester.

Sundries

Sure-lok plastics cap

A "Sure-lok" cap has been developed by Polythene Drums Ltd, East Gillibrands, Skelmersdale, Lancs, for use with its range of 25 litre plastics containers. The cap is 55mm internal diameter and has a Buttress thread form with four threads per inch, which the makers say gives quicker sealing and greater sealing area.

A fingergrip configuration is set half-

Babymilk Plus Ablend of milk lactuse cream and vitamins

way up the cap. The nitrile rubber gask inside the cap is held in place by fo retaining beads and four additional guispacers. The makers say the cap has pased hydraulic and drop tests required the United Nations for carriage of da gerous goods.

Prescription specialities

TERRA-CORTRIL NYSTATIN cream

Manufacturer Pfizer Ltd, Ramsgate Road, Sandwich, Kent, CT13 9NJ

Description Yellow cream containing oxytetracycline 30mg as calcium di-oxytetracycline, hydrocortisone 10mg and nystatin 100,000 units in each gram of perfumed water-miscible base

Indications Steroid-responsive dermatoses where there is a risk of secondary bacterial or fungal complications

Contraindications Tuberculous lesions of the skin, herpes simplex, vaccinia and varicella

Method of use Thoroughly cleanse affected area and apply small amount two to four times daily

Precautions Caution in infantile eczema because of the risk of suppression of the adrenal function following absorption. Should not be used in large amounts or for prolonged periods in the first trimester of pregnancy. Discontinue use if severe allergic reactions occur

Side effects Allergic reactions to oxytetracycline may occur occasionally, but are rare

Storage In a cool place. Shelf life 18 months

Dispensing diluent Dilution not advisable Packs 30g tube (£1.25 trade) Supply restrictions PI, TSA Issued April 1974

DERMOVATE scalp application

Manufacturer Glaxo Laboratories Ltd, Greenford, Middlesex UB6 0HE Description Clobetasol propionate 0.05 per cent w/w in a transparent, slight gelled, isopropyl alcohol/water base Indications Psoriasis and eczemas of tl scalp, including seborrhoeic dermatitis Contraindications Viral and dermatophy infections of the scalp. Hypersensitivity Method of use Apply once or twice dail reducing to once daily or less as in

Precautions As for Dermovate cream ar ointment. Keep away from eyes and nake flame

Side effects, Storage As for Dermova cream and ointment

Packs 25ml (£0.83 trade), 100ml (£2.94) Supply restrictions PI, TSA Issued April 1974

TAVEGIL injection

Manufacturer Sandoz Products Ltd, Sar doz House, 98 The Centre, Felthan Middlesex

Description Clear, colourless solution each ampoule containing 2.68mg clemas tine hydrogen fumarate equivalent to 2m clemastine base

Indications, etc As for Tavegil tablets

Dosage Adults — 1 or 2 ampoules daily

Children — 1 ampoule or part ampoul
daily according to age. For intramuscula
injection

Packs Boxes of 5 ampoules (£0.78 trade) Issued March 1974

Ketalar injection

Ketalar injection is now available to hos pitals only, in a 5ml vial (£1.35 trade) from Parke, Davis & Co, Usk Road, Ponty pool, Mon NP4 8YH. The vial contains ketamine hydrochloride equivalent to 100mg ketamine base per ml with 1:10,000 benzethonium chloride as a preservative

Betadine 100ml

A new 100ml pack of Betadine gargle and mouthwash is being introduced on April 8 by Napp Laboratories Ltd, Hill Farm Avenue, Watford WD2 7RA. Basic NHS price is £0.24, retail £0.39.

e photo album leaves

ree "photomatic" album leaf with each our film developed and printed is the st promotion from Napcolour Ltd, 76 ver Bridge Street, Colchester. The tographs are held in the album pages nout adhesive or corners. Covers for album will be available to customers special price of £0.69.

Japcolour—said to be the largest indedent photofinishers in the UK-say tests "give all the indications that the motion will be big and successful." Its is to fulfil four criteria: to appeal to rybody, to be something people would at to collect, to push quality rather than mickry and to make people take more ures. Napcolour add that the scheme esigned to promote without sacrificing lers' profits.

w Kodachrome in USA

ee new Kodachrome films providing roved colour reproduction and other antages have been announced by Eastn Kodak Co, Rochester, USA.

he new slide and cine films incorporate A speeds in their names: - Kodaome 25 film (daylight), 64 film (dayit) and 40 movie films (type A). The v films will replace the current Kodaome films in the USA during the sumr and autumn of this year but will not available in Europe until early 1975.

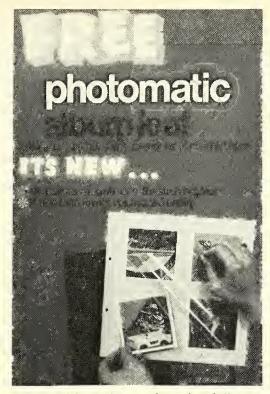
vasun holiday promotion

efaro Proprietaries Ltd, Crown House, ndon Road, Morden, Surrey, are aiming service directly 45 per cent of chemist lets for Sylvasun this year. They hope, y say, to motivate the retailer to inase the display area given to Sylvasun, they have produced new display terial to help him. The material indes a till dispenser, crowners, and winv stickers.

To promote the product still further to retailer the makers are mounting a vasun jet-away trade competition with zes of a two-week holiday for two in Caribbean, or the Canary Islands, with ner-up prizes of a weekend in Vienna ocated to sales areas. Special bonuses discounts will also be offered.

Chefaro are planning to spend £120,000





on advertising this year featuring full-page colour advertisements in leading magazines, the colour magazines of the Sunday Times and Observer, and in holiday brochures, booklets and ticket wallets distributed by tour operators. Posters displaying the product will also be seen in the South.

Mental health booklets distribution

The National Pharmaceutical Union has discontinued providing a distribution service for the following health booklets published by the National Association of Mental Health. Teenagers To-day, Schizophrenia, Phobias, Children Apart (autistic children), Out-of-Step (psychopaths).

When first issued these booklets were published by the British Medical Association and formed an integral part of the Family Doctor list. For the past two years they have been supplied direct by NAMH to NPU at wholesale terms, but NAMH has now handed over distribution to Bookstalls Services Ltd, 169 Maldon Road, NW5. NPU understand that this company will only accept orders at the full face price plus postage, and pharmacists are therefore advised to refer inquiries to Bookstalls Services.

Unichem to distribute photo goods

UniChem Ltd, Crain House, Morden, Surrey, are entering the photographic market by offering Kodak and Polaroid films and Philips flash bulbs and cubes. General sales manager, John Speller, says the decision, in response to requests from customers, was not easy to make. "There are many factors which render this type of wholesaling activity very different from those areas with which we are familiar. The market has been traditionally haunted by supply difficulties. But we shall, with the full co-operation of the firms concerned, do our best to overcome these problems and offer the best service possible.'

These lines are being added to Uni-Chem's counter service and will be eligible for rebate.

UniChem's special offers for April include: Radox salts and liquid, Super Matey, Johnsons baby soap, Sylvasun, Alberto VO5 spray, Pearl Drops, Scholl's foot spray, SR toothpaste, Day-Long, Kousa Naturally Light, Loxene Shampoo.

Distribution of Beetham range

The Beetham range of glycerin preparations (with cucumber, lavender, rose water or white lilac), and Beetham's Larola skin lotion, are now being distributed by Farillon Ltd, Selinas Lane, Dagenham, Essex. Beetham's hand cream has been discontinued.

Bonus offers

May & Baker Ltd, Dagenham, Essex RM10 7XS. Anthisan cream and Anthical cream 25g tubes. 10 invoiced as 9. April to September 30 through usual wholecalers. Higher bonus terms for larger quantities through the company's representatives.

Napp Laboratories Ltd, Hill Farm Avenue, Watford WD2 7RA. Betadine gargle and mouthwash 100ml. 14 invoiced as 12 on orders up to 2 doz; 15 invoiced as 12 on 3 doz or more. From representatives or direct.

The new skin care display unit which holds three bottles each of cleansing lotion, skin toner, hand and body lanolin and moisturing cream, six beauty mask tubes and 24 beauty mask sachets from Thos Christy & Co Ltd, North Lane, Aldershot, Hants.



Ln — London; M — Midland; Lc — Lancashire; Y — Yorkshire; Sc — Scotland; WW — Wales; and West; So — South; NE — North-east; A — Anglia; U — Ulster; We — Westward; B — Border; G — Grampian; E — Eireann; CI — Channel Islands.

Anadin: All areas

Askit: Sc.

Asp:o Effervescent: Ln

Close-Up: All except A, We, B

Body Mist: All areas

Brylcreem: All except Sc, G Crest toothpaste: Y

Head & Shoulders: Sc, U, We, B, G

Oil of Ulay: Sc, So, A, U, B Spillers Choice Cuts: Y, NE

Vosene: All areas

AN ENTERPRISING AND HISTORIC COMPANY

Company profile

MACFARLAN SMITH LTD

The recent removal of the home and export sales offices of Macfarlan Smith Ltd from the London area to the company's manufacturing site in Edinburgh (last week, p 346), is merely a matter of "coming home" because the company and its "parents" have had their roots in the Scottish capital since the 18th century.

Scientific discoveries

Macfarlan Smith came into being as a result of the "marriage" in 1960 of the two pharmaceutical manufacturers J. F. Macfarlan, founded in 1780, and T. & H. Smith, founded a little later in 1827. Both progressed along similar lines and were connected with many scientific discoveries and innovations, including the anaesthetic use of ether and chloroform. The companies were also linked with such pioneers in medicine as Lord Lister, Sir James Young Simpson and Dr William Gregory.

After the merger of Macfarlan and Smith and also three years later when they became a subsidiary of Glaxo Laboratories the business continued to be principally the extraction of medicinal substances from various types of vegetable raw materials such as barks, roots, seeds, and

leaves. As C&D readers will have seen from the company's announcements, the products include codeine and other analgesics, cough suppressants and purgatives.

The importance of exports to the United Kingdom's economy is well known as is the fact that the contribution made by the pharmaceutical and chemical industries is well above the average for other industries. Less well known is the valuable contribution made by the smaller companies. Macfarlan Smith has about 200 employees. The company has its own export sales force and that it has been successful is obvious since 60 per cent of the company's production of pharmaceutical chemicals in bulk is shipped overseas to as many as 80 different countries. In the last three years their exports have risen by 45 per cent, a fact that was recognised nationally with the presentation of the Queen's Award to Industry last year. They were one of only five companies in Scotland to receive the award.

Long before the export drives of recent decades, both Macfarlan and Smith had an eye to overseas markets. Over a century ago they exhibited at various centres. While some of the products offered 100

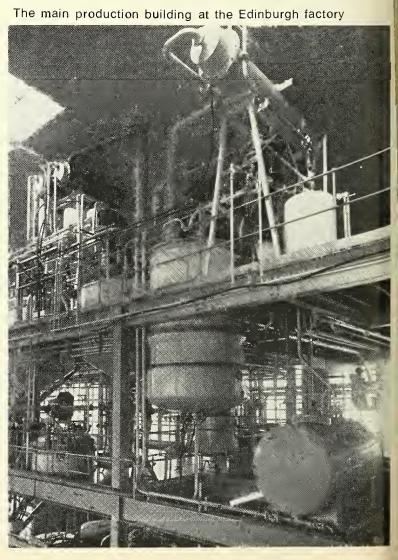
years ago would have little interest in today's medicines, their display at the Great Exhibition in London 1851 certainly included aloin and cantharidin.

Among the more important products, other than alkaloids, supplied by the company today is Bitrex which has been described as the bitterest substance known and is used mainly for denaturing alcohol. Whether or not it was the environment in which the works are situated that stimulated research in this field — they are surrounded by a brewery, a distillery and huge bonded warehouses — might be debatable, but there is no doubt that the product has a good sale overseas especially in the United States.

Chairman of the company is Mr P. Scruton, BSc while the two executive directors are Mr G. G. Halliday, MSc, FRIC, factory manager, and Mr P. Mackenzie, MPS, sales manager, both having more than twenty years' service. Mr Mackenzie is as present chairman of the Association of the British Pharmaceutical Industry's standing committee on standard formulary medicines. Home sales are the responsibility of Mr I. J. Frith, BA, and Mr T. N. Fraser is export sales manager.

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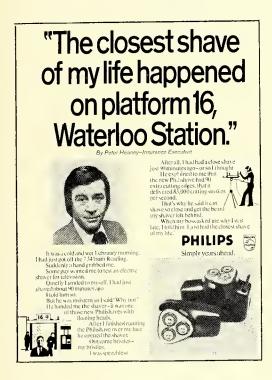
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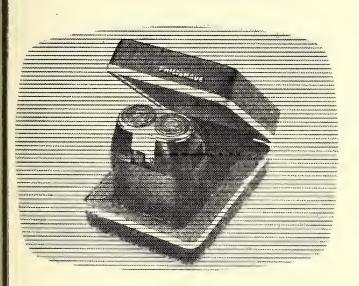
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Veterinarian calls for EEC interprofessional liaison

oint consultative machinery between harmacists, veterinarians, and the pharmaceutical industry should be produced at European level, suggested Mr P. D. storie-Pugh during the conference session in future harmonisation of veterinary nedicines regulations in the EEC.

Mr Storie-Pugh, president of the EEC iaison committee of veterinarians (the group representing national veterinary associations), referred to the UK method where representatives of the Association of the British Pharmaceutical Industry, the harmaceutical Society and the veterinary organisations discuss points of mutual increst. Such relationships "are able to mooth out many difficulties and misinderstandings," he said, adding that the JK arrangement "has proved to be of real value".

The liaison committee had reacted trongly to a suggestion from another juarter that the existing rights of the reterinary surgeon in most countries to buy, hold and dispense products should be aken away. Its view was that the need to educe to the minimum the cost of treatnent compatible with safety, meant that narmonisation of legislation should be pased on "the right given to the veterinarian to obtain direct supplies . . . which ne administers himself, or which he gives o the owner of the animals he treats." The proposal was not only justified by conomic considerations "but also by the requency of cases where the inevitable weakness of stocks at the point of distripution is incompatible with immediate ntervention in an appreciable number of ick animals." Such a view had been previously expressed at a symposium of the rish Pharmaceutical, Chemical and Allied ndustries Association.

Black market

'In the harmonisation of future legislation, there must be better provision for the distribution of medicaments which are not on a general sale list," said Mr Storie-Pugh. The "black market" in veterinary medicines was "of scandalous proportions"; he had been told that in one country the "black market is the only market".

The dispensing of veterinary medicines was a difficult problem because of abuses of supply on the "black market", suggested Dr J. Schiltges, a Luxembourg government official and vice-chairman of the EEC veterinary liaison committee. Only the harmonisation of legislation would clear up "this anarchial and scandalous market". The number of distributive sources should be reduced, and the manufacture and supply of veterinary medicines should be restricted to pharmacists and veterinarians. It implied that a veterinary surgeon could keep a stock of such medicines — this could be justified by virtue of his training

— although it was not allowed in all countries at the moment.

Mr S. Hignett, president of the Royal College of Veterinary Surgeons, called for "a realistic approach to safety tests." While it must be reasonably certain that the veterinary medicament was safe for the animal to which it was administered, "on the other hand let us avoid cloud cuckoo land, otherwise the expense of, and delay in, testing will render the medicament quite uneconomic and will

discourage the pharmaceutical industry from developing new products. When an industry is put in a straight jacket it is inevitable that initiative is stifled."

Mr Hignett suggested that on national and international regulatory bodies there should be people "with a wide experience of the production and testing of veterinary pharmaceuticals, vaccines and sera." Such people should not however still retain "commitments to outside bodies," including pharmaceutical companies. "Human nature being what it is, one cannot feel happy about the security risks."

There were as yet no draft directives dealing with vaccines and sera. Mr Hignett "strongly recommended" that any harmonisation of regulations dealing with such products should be based on the existing British Veterinary Codex "in which are laid down procedures for safety and efficiency testing which in the main, have proved over the years to be workable and reliable".

No fundamental change in UK legislation

When the UK comes to implement EEC legislation on veterinary medicines "we shall not be faced with making any radical or fundamental changes to our own legislation," according to Professor C. S. Grunsell, chairman of the Veterinary Products Committee.

Speaking on the present situation of medicines legislation, Professor Grunsell described the system under the Medicines Act 1968. "My first impression is that, in spite of the differences of approach, there is a good deal of common ground between the Commission's proposals and UK legislation," he said. The most important differences between the two were that the Commission's proposals were not concerned with vaccines and sera, there was no animal test certificate or similar proposal for field trials ("I just wonder whether the absence of such an arrangement would reveal a gap in the control of medicine?"), and the proposals tended to set out restrictive lists of requirements, on labelling for example, whereas UK legislation favoured a more flexible

Turning to the Commission's proposals for the mutual recognition of member states' licences, Professor Grunsell said he believed it a goal "for which we should all strive . . . I do however have grave doubts as to whether this can be achieved as easily as the Commission's draft directive implies." Other discussions had revealed "distinct differences of view", for example about the acceptability of medicinal feed additives, "and these differing views will inevitably spill over into the field of medicinal products." He felt it would be a long time before agreement was reached. A common licensing agency could arise later.

Describing the Medicines Act controls in detail, Professor Grunsell said that it had been found useful in certain circumstances to grant a small number of licences for less than the usual five years. Such an example would be where an application for a product licence was satis-

factory, but the Licensing Authority might have doubts about the product's efficacy when used on a large-scale commercial basis. A licence might then be given for a shorter period to allow the product to be evaluated in full commercial use. The Act's definitions of a substance which was required to be controlled were widely drawn and it would be difficult to envisage any substance used in veterinary medicine which would fall outside the Act, he said. Proposals on the retail sale of veterinary products he described as "well advanced" and statutory regulations would be made "in due course" to set out labelling requirements.

In the mind of legislators, there was only one kind of medicine, whether it was used for animals or man, said Mr P. Dumas, administrator director general, Specia, Paris. That obviously had to be corrected as veterinary medicines were adapted to their special use. They should be economical, and thought should be given to any consequence on human health from the consumption of products from animals treated with such medicines.

In France, draft legislation was proposed which would be examined in the next parliamentary session. In the proposals only pharmacists, vets, and some approved farming organisations which had veterinary surgeons on their staffs would be able to prepare, stock and supply veterinary medicines. The manufacturer's authorisation would come from the Ministries of Agriculture and Health, and would last for five years.

Professor L. Bellani, director general, veterinary services, Ministry of Health, Rome, said a law of 1934 gave the Italian Health Ministry the right to issue product licences. All medicinal specialities must be registered — there were more foreign than Italian medicines on the market in Italy — 80 per cent came from research by multinational companies. They were now considering new legislation, but there was a problem of trade names and patents.

Continued on p 372



From left to right: Mr P. Dumas, Professor Dr L. Bellani, Professor C. S. Grunsell, Professor Dr A. M. Frens.



From left to right: Dr J. Schiltges, Dr P. D. Stone-Pugh, Mr S. Hignett, Dr T. Murphy.

Veterinary Conference

Continued from p 371

State 'should guarantee right to manufacture'

The right of a manufacturer to make a certain product must be guaranteed by the State, according to Dr M. Debackere, director, Institute for Pharmacology and Toxicology, University of Ghent, Belgium.

Speaking on the standardisation of registration requirements, Dr Debackere said that this could only be done by a licensing system. Guarantees would have to be given that the patents "will be protected and respected" in the respective countries. "This is to prevent, as we all know, that in some countries of the EEC, a lot of protected and registered products are imitated, irrespective of their patents, by some chemical or pharmaceutical industries who would not hesitate to export them, mainly by illegal traffic."

Dr Debackere, who is a member of the Belgian Medicines Commission, said that the Belgian definition of what was a medicine was a substance or preparation presented as having curative or therapeutic properties. However the wording "presented as" had led to illegal traffic, with substances being described as "chemical substances". He pointed out that too large, as well as too rigorous a definition could have disadvantageous consequences.

"In the framework of the EEC and internationally," said Dr Debackere, "uniformly accepted standards for the testing of drugs at pharmacological, clinical and toxicological levels are needed. Otherwise it will not be possible to avoid the conflicting claims which are frequently made about the activity of drugs." That was frequently due to lack of basic co-operation in the conditions under which the trials had been carried out.

Dr Debackere continued: "It is likely in the future that only in scientifically and economically viable countries will there be sufficient money and knowledge available" for the official testing to be carried out by the authorities. Smaller countries would be more dependent on manufacturers for such testing. "It would be very useful therefore, for such companies to have official guidelines for their work to ensure acceptance of their products in as many countries as possible." As pharmaceutical research was expensive, "we must avoid drug testing which has been done in one country being repeated in other countries."

Dr Debackere described a possible dossier for registration. The chemical nature, purity, stability, and composition of the proposed medicine should be guaranteed in the analytical part. The pharmacological part should contain the results of pharmacological research, including dosage, side effects. The clinical part should describe the clinical trials performed in the same animal species and for the same indications for which the medicine was proposed. The toxicological part would also include information on the toxicity of residues, as well as acute, semi-chronic or chronic toxicity test results. The registration dossier could be examined by an advisory committee of specialists.

Belgian experience, Dr Debackere said, showed that a standardisation of legislation about distribution was also necessary. The distribution chain should be kept short to make the control as efficient as possible and to keep the selling price economic.

Common viewpoint needed in interpretation of results

It is not the results of scientific experiments but the interpretation given to such results which causes disagreements, stated Professor Vuillaume, president of the French veterinary medicaments commission

Speaking on how a common viewpoint could be arrived at, taking into account conflicting scientific opinions, Professor Vuillaume said that the draft directive defined a veterinary medicine in two ways. One was "restrictive", where a substance described as being presented as having therapeutic or prophylactic properties was taken as a medicine. The other was "wide ranging", including all substances administered to animals in order to restore, change or correct an organic function. In the second category water could be described as being a medicine if it was given to a thirsty animal as it would restore an organic function.

Other points of disagreement were the length of the "withdrawal period" between the administration of the last dose of the drug and the eating of the animal product, at what level the safety coefficient for a feed additive should be (the acceptable dose in a laboratory animal is divided by the safety coefficient to give a dose considered harmless to humans), and the value of residue and relay residue testing.

The draft directive group had a "working method" for the testing of new veterinary drugs, said Professor Vuillaume, but he had always objected to the proposed

method. The method used the requirements for human medicines, but added residue tests were expensive. He thought the medicines currently on the market would continue to be used, but few companies could afford to develop new drugs.

It may be necessary to change the spirit in which the experts in Brussels draw up regulations, he said. Each country should speak of their own requirements in order to help to draw up requirements covering all EEC countries.

Mr P. Egan, veterinary consultant, Irish pharmaceutical industry, suggested that there should be discussion about consolidation and rationalisation of existing legislation rather than harmonisation. "Otherwise it appears to me that we are trying to achieve the unobtainable. Let us determine those areas on which we are in agreement and then proceed with harmonisation from that point."

Later he said "surely progress will only be made if the areas of common agreement are first agreed and accepted and the pattern of harmonisation built on this more solid base. In my view, much that is contained both in the directives and in the draft directives is based on over-cautious assumptions of dangers for man."

Dr P. Guinee, head of the bacteriology laboratory, National Institute of Public Health, Holland, said that antibiotics should be used less indiscriminantly in animal feeds. The use of drugs like chloramphenicol and neomycin should be restricted to an absolute minimum to prevent further loss of therapeutic value.

Films

Sit in on selling

Distributive Industry Training Board, MacLaren House, Talbot Road, Stretford, Manchester M32 0FP. Colour. Sound. 16mm. Running time 20 minutes.

"I am a customer. I am not a difficult person to get along with, but..." That is the opening line, spoken by Peggy Mount in this new training film which sets out to examine the attitudes of sale staff towards the customer.

Peggy Mount, as a formidably vocal customer, wanders by accident into a training session conducted by co-star William Franklyn and makes her own contribution to the proceedings. The film, which also features Richard Briers and Peter Adamson, looks at the role of the sales person, the final aim being the creation of a satisfied customer.

Available only to DITB levy payers for purchase (£99) or loan (£4 per day).

Work for historians

Britain has an enormous amount of material waiting to be investigated by pharmaceutical historians said Dr T. D. Whittet. president, British Society, History of Pharmacy, during the annual weekend conference held this year at Cambridge,

beginning on March 22.

He mentioned local city, town, county and borough records and minute books. There were also muniment books, lists of admission of Freemen, and sometimes records of ancient guilds. Some local history books contained occasional references to apothecaries and chemists and druggists. The directories of cities and towns from about the mid 18th century frequently gave the names and addresses of medical, pharmaceutical and allied practitioners.

The registers of many churches go back as far as the 16th century, some even earlier. The records of births, marriages and deaths often included some details of the occupation of the husband or father. The accounts of the churchwardens provide details of payments to apothecaries for the treatment of the sick. Church memorials to apothecaries exist, many bearing the coat forms of the apothecary.

Wills and inventories are to be found in the Public Records Office and in county

and city record offices.

Between the 16th and 18th centuries licences to practise medicite, surgery, pharmacy and midwifery were granted by the Episcopal Courts and numerous lists of these are in diocesan archives in various parts of the country.

In the archives of the ancient universities there should be many documents valuable for pharmaceutical and medical research. Advertisements, trade cards and shop signs reproduced in collections of trade cards exist in various museums.

The collected papers and diaries of some distinguished families could yield valuable information. Dr Whittet appealed to all the members of the Society to make 'good use of all these treasures".

Grass roots

Four years work among the apothecary apprenticeship records provided a paper by Mrs J. Burnby — "The Grass Roots of Pharmacy". She began by referring to the account books of Thomas Pott, apothecary of Coventry 1711-1732 in the Derbyshire Record Office.

"From them we learn that he sold 'currans' and spice and starch and also carried out phebotomies". On the back pages "we can read of the problems he had in stabling his horse when visiting Lord Craven at Combo and the names of his druggists in London".

By using parish records, Mrs Bott's ills, inventories Salt's History of bills,

Staffordshire and The Natural History of Staffordshire by Dr Plot of Oxford, "we find out that his father Septimus Bott had also been an apothecary in Coventry' the family had owned a sizeable acreage. furthermore there were cousins who were mercers in Burton on Trent.

It was not always easy to find these apothecaries tucked away in their seclusion. One excellent source was the Public Record Office, Chancery Lane, London, where were the registers of apprentice-

In theory each worker in a craft guild passed through being an apprentice, a journeyman and then a master.

Apprenticeship premiums

In 1709 it was decided to impose a tax on apprenticeship premiums. Contracts relating to indentures, covenants or agreements relating to the service of clerks, apprentices or servants had to be stamped at either the head office in London or at one of the provincial centres. The Act gave rise to 72 large volumes. Numbers one to 40 running from October 1711 to October 1810 refer to London and adjoining districts. Volumes 41 to 72 from May 1710 to September 1808 dealt with those of the country collections. Each entry gives the date of the tax collection, and if applicable the date of arrival in London, the name and abode of the master, his trade or craft, the length of the service, details of the indenture, the name of the apprentice, with, in the earlier years, the father's name, trade profession or social position and his abode. Finally there is the consideration money and the tax paid on it.

Barber surgeons were numerous in the records in London in the first half of the 18th century. There were lists of 8 or 10 of them "one after another". Mrs Burnby said "It seems as if all the indentures signed at the Barber Surgeons Hall within a given period were taken to the tax collector's office and stamped, all at the same time,

The study of the Inland Revenue records has shown to what trades the apothecaries, surgeons, chemists and druggists put their sons.

Philip Pear, druggist of Exeter apprenticed his sons John and Philip in 1716, one to an upholsterer and the other to a serge maker. Eighteen months later William was

placed with a surgeon.

If a son was to follow in his father's footsteps the parent was the apprenticemaster, but sometimes the boy was sent to a friend perhaps as Thomas Holfhyde, son of a Cambridge apothecary to Thomas Barrow, citizen and apothecary of London.

Some sons passed down the social scale as would be the case when Henry, son of Thomas Greenwood, an apothecary in Warwickshire was placed with a cutler of Birmingham for a mere £3-4-6; others rose as when Thomas Head a "drugster" of London articled his son William with "William Vaux of Clements Inn, gentleman and attorney of Her Majesty's Court of Common Bench, Westminster".

An analysis of the apprenticeship records by Mrs Burnby revealed that volumes 1-5 run from October 1711 to October 1717 and on the masters side there were entries for 1,183 apothecaries, surgeons and barber surgeons of which no less than 773 are barber surgeons. There were references to three druggists. In volumes 6-9, November 1717 to February 1724 the picture is similar-960 apothecaries and only 5 druggists.

John and Jacob Bell

An interesting little problem occurs in volume 38. On October I, 1799 John Bell, chemist etc of Oxford Street took an apprentice Jacob Bell for five years the premium being £250. "Could this be another Jacob Bell or is it just possible that Jacob was not the son of John as is always supposed?

John Bell, said Mrs Burnby, had quite a bunch of young apprentices. In January 1801, Thomas Zachary joined him and in September 1806 he took on three more all at the same time - Henry Cockfield, George Southam and Robert Ellwood, all for different sums of money and for different periods of time.



Miss D. A. Hutton stressing a point to Dr A. Rook after giving the paper on Wilijam Heberden's materia medica and therapeutics



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Mithridatum and theriac

William Herberden's materia medica and herapeutics" was the title of a joint paper y Dr J. K. Crellin and Miss D. A.

Heberden was born in 1710 and after chooling in Southwark entered St Johns ollege, Cambridge in 1724.

Heberden suggested that a large part of ne Pharmacopoeial list of 200 items could e discarded as useless were it not for the nclusion of mithridatum and theriac. He as an outspoken critic of those preparaons and their continued recognition in ne 18th century pharmacopoeias. In 1745 hilst the revision of the pharmacopoeia as in hand he published his essay "Antineriac" ridiculing the erroneous assumpons about its origin and effectiveness gainst poisons.

He pointed out that the original formula f this universal antidote had four inredients—20 leaves of rue, two nuts, two ried figs and appropriately, a grain of salt. He did not then persuade the conservave Royal College of Physicians who held on" to theriac and mithridate until 788. Even then it seems they parted from reluctantly since its proposed exclusion

om the new pharmacopoeia had to be rerred to the whole College by the revision mmittee.

Heberden had the satisfaction of being resent when the College voted on their sclusion in 1786. Most of Heberden's nerapy was moderate in an age of heroic medies. He continually revised his treatent and studied his case notes from hich he drew his main contributions to edicine, publishing original observations n angina, nettlerash, tuberculosis and he uestioned the indiscriminate blood letting fevers.

Discovery of insulin

fter dinner on Saturday night, Professor r Frank Young talked on the discovery insulin. He recalled the work of Banng and Best and the publication of the inical trial results in March 1922. He en dealt with the work of N. C. Paulesco ho in 1908 published observations on the tirpation of the pituitary gland from dogs. Before 1900 while in Paris Paulco with Dastre had begun to investite the possibility of preparing extracts the pancreas but when he returned to icharest in 1900 the pituitary work minated his attention. Later in connecon with investigations on the formation glycogen in the liver, he again took up ork on the preparation of pancreas exacts and by 1916 found that the intraenous administration of an aqueous tract of pancreatic tissue into a deincreatised dog produced an immediate ough temporary relief of symptoms. War tervened, and he was unable to proceed rther until 1920 when he confirmed his rlier observation.

Recently a number of authors had pinted out that Paulesco's publication e-dated Banting and Best's first paper 1922 and that the two sets of observaons were similar. There could be little pubt that Paulesco as well as Banting and est obtained a pancreatic extract containg insulin. There is also a high degree of

probability that Zuelzer and perhaps others, including Blumenthal (1898) Gley (1905), Dewitt (1906) and Rennie and Fraser (1907) also succeeded in extracting insulin from pancreas material.

However, with the availability from early in 1922 onwards of the widely based resources of the University of Toronto, and with many investigators willing and able to cooperate in the development of Banting and Best's discovery all that might have been done more slowly elsewhere was outstripped by the astonishing speed with which insulin became safely and widely available.

Apothecaries in Cambridge

In a paper on "Physicians, Surgeons and Apothecaries in Elizabethan and Stuart Cambridge" Dr A. Rook said it was apparent that in the 16th and 17th centuries almost all medical men whether they were by training physicians, surgeons or apothecaries, were, in effect, general practitioners. It may have been true, as was apparently the case in London, that the richer patients tended in the first instance to consult a physician and the poor an apothecary, but even this was questionable since many of the apothecaries were men of great reputation. That physicians were allowed to practise surgery was well known, but the extent to which they did so had not previously been investigated.

It was traditional that the three grades of the profession were also differentiated by status and social class. The physician was commonly depicted as a dignified, highly educated scholar, the apothecary as a tradesman of moderate means and education and the surgeon as humbler

Investigations by Dr Rook and Mr M. Newbold showed that the successful physicians and apothecaries were moving in the same social circle and living in similar style and in similar houses. Their families often intermarried and they served as executors for each others wills. All the evidence suggested that with the possible exception of such men of international fame as Glisson, the physicians and apothecaries of Cambridge throughout much of the period under review were of equal status, and probably practised in much the same fashion. During the early part of the period however some of the apothecaries such as Burwell were still in business primarily as grocers and probably preferred to remain so.

The number of surgeons whose names have been traced was small, probably because at least some of the physicians practised surgery. However the little that was known about them confirmed the accepted opinion that the status of the surgeon rose towards the end of the 16th century.

"There would seem to be good grounds, on the basis of this attempted reconstitution of the personnel of medical practice in a small provincial town, for suggesting that economic factors, imposed by the limited size of the population, resulted in different methods of practice and different interprofessional relationship from those which are said to have been customary in London.3

Dr Rook also presented a paper on "John Addenbrooke and his hospital". It was not known how extensive Addenbrooke's practice was in Cambridge but it was usual for them to practise from their rooms in College. Before he died Addenbrooke ordered all his papers to be burned in his presence. "We therefore know little of him as a man". His only publication was "An Essay on Free Thinking", a dull and obscure work.

Mr Newbold also collaborated with Dr Whittet in a paper listing eminent Cambridge apothecaries.

They reported that by the beginning of the 19th century many apothecaries of Cambridge, like those elsewhere had largely changed from the practice of pharmacy to that of the general practice of medicine, and the chemists and druggists had appeared on the scene. At this time several practitioners used a mixture of titles, eg William Tinney, surgeon and apothecary, William Beales, druggist and surgeon and surgeon and apothecary, Joseph Stanley, apothecary-druggist, David Wray, surgeon-apothecary, Thomas James Heckford, apothecary-surgeon, Thomas Pettit, surgeon-apothecary and Charles Orridge, chemist and druggist (c.1818). Dr Whittet said it was interesting to speculate whether he was an ancestor of Benjamin Brogden Orridge, founder of Orridge and Co and a founder member of the Pharmaceutical Society. B. B. Orridge was born in Malta in 1814 and apprenticed to his uncle who was a chemist in Colchester. Benjamin founded the firm in 1846 in Bucklersbury, the traditional street of the apothecaries. The company now has several provincial branches. It specialises in valuation and stocktaking of pharmacies.

Business Q&A

In the event of a business being sold the assets, if it is a pharmacy, usually consist of a lease, goodwill, fixtures and fittings and stock. Stock is, of course, the subject of valuation, but a price is agreed for the other assets. It is then necessary to divide this price up over the assets concerned. Is it best to attribute the higher value to the lease or goodwill, and what about the fixtures and fittings?

If the fixtures and fittings are sold at their income tax written-down value, there will be no liability for balancing charges. This leaves the lease and goodwill. Leaseholds are a wasting asset if they are for less than 50 years, so that the cost of acquisition is steadily reduced for capital gains tax purposes. Goodwill, on the other hand, is not a wasting asset, so that in principle it is usually best to attribute less to the lease and more to the goodwill. This is a generalisation, however, and your accountant should advise you in the light of the actual figures.

'Eternal vigilance' to protect contractors' independence

The profession may have to fight to ensure that Part IV pharmaceutical services at health centres continue to be provided by contractors and are administered by the Family Practitioner Committees, Mr G. T. M. David, chairman of the Central Contractors Committee, warned on Sunday.

Addressing a conference of Area Contractors Committee representatives, he foresaw advantages for the profession in decentralisation under the new NHS organisation—decision making should be quicker and easier and the officials would be more accessible than "faceless bureaucrats" at the Department. But many people at area level (Mr David saw regional administration quickly disappearing) would be hospital orientated, especially in rela-

tion to health centres, and many AHA members saw the Family Practitioner Committees in time being absorbed into the area authority. "This we must try to prevent because the existence of the FPC guarantees our independence", said Mr David.

The speaker advised contractors to "work with" the area pharmaceutical officer—closer liaison with hospital pharmacy could help general practice greatly in respect of, for example, new drugs, continuing treatment and emergency services, and general practice might play a part in providing services to the small community hospitals. But to press his earlier point, Mr David concluded: "The price of freedom is eternal vigilance".



The two pharmacist members of Family Practitioner Committees must demonstrate by their conduct that pharmacy is an essential part of the NHS, said Mr R. G. Worby to the Area Chemist Contractos Committee representatives.

Mr Worby, who is a member of the Central Contractors Committee, secretary of an ACCC and chairman of an FPC, said that to gain its fair share of influence the profession's problem was one of recognition-much more than of parity in numbers with the dental profession! The FPC members must not became "the faceless men in the corner", and they should remember they were not there to represent pharmacy alone. Their role was to assist in the running of the family practitioner services; lay members did not have a monopoly of protecting the patient's interests and the pharmacists, as "a minority group", could help prevent polarisation between the lay and professional members of the Committee.

Mr Worby suggested that it would be tactically wise to speak of "general practice pharmacists" rather than "chemists" or "contractors" (this would strike a chord with the other professions) and of "community pharmacy" (which would attract ratepayer and council members). The aim was to present the pharmacist's functions in the most suitable manner for those to whom one was speaking.

However, it was a mistake to give the impression that pharmacists were only there for professional reasons—that money had "nothing to do with it". Instead it should be pointed out that the service given is so broad that it is almost incapable of definition. Lay members were ignorant of what went on in a pharmacy and of the responsibilities taken, and no opportunity should be lost to impress

upon them the importance of pharmacy in the community. Mr Worby showed how the consequences of health centre developments could be pointed out, not only in relation to loss of pharmacy services, but for doctors' private practice, and for local authorities left with premises if the doctors "pulled out".

The speaker respected the comparatively "united front" shown by doctors and added: "Unless we adopt and demonstrate the same confidence and faith in our own importance in the Health Service as they do we cannot hope to obtain the same recognition". Mr Worby said it was not always possible to work "with" doctors, but the pharmacists must avoid a "provocative" approach. He advised that when it was intended to disagree, however, "do your homework first".

The pharmacists should not be seen to be unnecessarily jeopardising the Committee's takeover of its new responsibilities they should not show pharmacy as a "disruptive force" in the NHS. But it was only by protecting themselves that the professions could be in a position to look after patient's interests, and it paid to talk about problems in terms of their effect on the patient. Pharmacy closures, for example, should be discussed not in terms of bankruptcy but in relation to the suffering caused to mothers and the old. And for oxygen services, the argument should not be that "we are doing it for nothing" but that because too few pharmacists would provide the service patients might have to go into hospital at greater cost. The urgent fee could be discussed in terms of what the washing machine man charges 'to cross the threshold".

A "bond ow sympthy" for pharmacy should be created within the FPC: an understanding that despite the problems



Mr R. G. Worby

the profession makes tremendous efforts to serve the public. This would help when subjects such as script forgeries, hours and emergency services came up for discussion.

Mr Worby felt there was a temptation for Committee members to become "little tin gods" and adopt a rigid attitude; they felt that if exceptions were made for late openers, for example, "things would snowball". The aim should be make the snowball roll to serve the Committee's own purposes, so that those who wished to open could, while others were relieved of the duty. These things were better organised by the Pharmaceutical Committee than by a pharmaceutical officer.

Services committees were also of vital importance and should have the most experienced members serving on them. The secretary to the area committee should be in a position to advise pharmacists called before it.

Mr Worby concluded by calling for care in the selection of the area secretary and in the manner in which he was backed up. They would be more effective if they were pharmacists and adequately remunerated so they could devote the necessary time to the job. The more time they spent with those with whom they should be in contact, the more influence for pharmacy. Borrowing an advertising slogan he added: "We should never be knowingly undersold. If we don't sell ourselves, there is no one else who can—or will".

EC10 pricing procedures

Earlier, Mr J. Charlton, deputy secretary to the Central NHS Committee, had outlined the functions and constitutions of the various committees that would take on their new responsibilities on April 1. He agreed with Mr David about the importance of the area level, and doubted whether the "non-statutory" district level would ever get off the ground.

Mr Charlton took the opportunity to outline pricing procedures in relation to EC10s (soon to be FP10s) because of the concern among contractors during a time of many price increases. The effective date of a drug price change was the eighth of

e month—if before it was used for the onth's scripts, if after then for the next onth's. In the case of proprietaries there as a month's delay. For galenicals the ice was derived from lists supplied by vans and Macarthys, for tablets a eighted average between Cox, Evans, erfoot and Macarthys.

bints of influence

the discussion on the two papers, Mr Clitherow, Liverpool, felt that policy ould be made at area level and it could st be influenced through the lay memrs of the community health councils. As nsumers they would be "the first to out" and would carry great weight. Also e lay members on the joint (AHA and cal authorities) consultative committee ould be worth "lobbying".

Mr M. Lightfoot, Cumbria, was first to iticise the Central Committee for not ving a warning that new model hours of rvice and drug schemes were "in the peline" for approval by FPCs. This was opportunity to raise the question of sting all outlets for drugs—including mily planning clinics, dispensing doctors d hospital outpatients. He was suprted by Mr M. E. Q. James, Essex, nose committee had also objected to ubber stamping" the scheme. They could ve "done better" if there had been ison before the FPC meeting. Mr T. eid, Surrey, reported on the meeting of sown FPC and his difficulty in putting pharmaceutical case as chairman. owever, the lay people on the committee d "seized upon the point" and he had support from doctors. Mr Reid ought it would encourage other commites to know that a protest before the C would be received "with a measure sympathy'

Mr David promised Mr G. W. Walker, ncolnshire, that the Central Committee ould continue to press for deputies for armacists on FPCs. Optics had this ncession, but only because their two embers represented different branches of

profession.

ost of helping mall pharmacies

Vhat would be the cost and who would ar it?" That was the first question asked possals of aiding the economic viability small "essential" pharmacies (last week, 332). en the representatives discussed the

Mr M. D. Brining, consultant accountt to the Central Committee, said that mments from LPCs on the initial prosals had stressed that additional remunition should not come from the balance et global sum, and remuneration of ge pharmacies should not be used to psidise small pharmacies. The basis of nuneration was reimbursement of costs an average basis; the proposed scheme plied that a "limited number of pharcies should be reimbursed on an inidual basis—"this is simply a redistribun of the global sum payable to conctors".

Ten years ago the LPC conference had

decided to end the differential on-cost, and Mr Brining estimated "conservatively" that that decision had cost small contractors not less than £20 million over the ten years. This was larger pharmacies "paid at the expense of the smaller." If the Central Committee received a mandate it would seek additional finance from the Department or other relevant source, Mr Brining added.

A total cost of £1m had been estimated, but this was £1,000 for 1,000 pharmacies he believed £500 a year for 500 pharmacies more likely, costing only £4m.

Among the points raised by other

speakers were the minimum distance proposed between pharmacies to be eligible for support (the two miles was only a guideline, Mr Brining replied), and the need for personal supervision by the proprietor pharmacist (it would not be possible to unravel the accounts of "branch" pharmacies, said Mr Brining).

Mr David said the document would be reconsidered in the light of the discussion; he promised that the fight against dispensing doctors would continue, but the proposals were a move to mitigate their effects.

Failure to elect 'new blood' criticised

The results of the Central Contractors Committee elections were criticised during the afternoon session when Mr T. Reid, Surrey, said they were "not in the spirit" of the wishes of the conference of LPC representatives. The aim had been to see "new blood" infused into the committee but only two people not previously connected with it had been elected. Mr Reid proposed that members of the NPU Executive should not be eligible for nomina-

The statement drew applause from the audience, but Mr David thought it inequitable that Executive members should be "disenfranchised". There had been nonExecutive candidates but they had not been returned. Mr J. C. N. Wilford, E. Sussex, believed that the LPCs were only seeking a "democratic" election—difficulties could be overcome by giving every committee member a vote instead of one vote per committee. Mr Walker, Lincolnshire, regretted that no biographical details on candidates were available and Mr R. R. C. Kitchen, Dorset, believed this lack favoured the existing members, as did the short notice.

It was agreed that the Central Committee would consider the points raised in the discussion and report back to a "properly constituted" conference.

Westminster report

'Direct' pharmacy service rejected

Mr David Stoddart asked the Secretary for Social Services, if she will permit local authorities providing new health centres in the future to provide a direct pharmacy service rather than having such a service provided by a consortium of local private pharmacists.

Dr David Owen, Under Secretary replied that a direct pharmacy service would be provided only in exceptional circumstances, as envisaged in the Health Services and Public Health Act 1968.

Prescription delivery

During auestions in the Commons Mr J. Sillars asked the Secretary for Scotland, if he would ask each area health board to look at the need to develop policies for a prescription delivery service in village communities, a large number of which could not support normal chemist shop services.

Mr William Ross, replied "The existing arrangements whereby collection and delivery services may be introduced following consultation between executive councils and the professional bodies concerned will continue after health boards take over responsibility from executive councils. I am not aware of any general need to draw this to the attention of health boards'

☐ Mr Alan Williams, Minister for Prices and Consumer Protection, told MPs there was no change in the target date for full metrication in Britain for industry generally, but he acknowledged that the dates for completion of the change would vary sector by sector.

Safety at work

A Bill to improve standards of protection for working people and the public was presented to Parliament last week by Mr Michael Foot, Secretary for Employment.

The Health and Safety at Work Bill provides for one comprehensive and integrated system of law dealing with the health and safety of virtually all people at work, the protection of members of the public where they may be affected by work activities and the setting up of a Health and Safety Commission and Executive to be responsible for administering the legis-

The Bill places a general duty on employers to ensure the health, safety and welfare at work of their employees, and to ensure that premises as well as machinery in them do not endanger people using them. Manufacturers would have to ensure that, as far as possible, any articles supplied for use at work should be safe and without risks to health when properly

The Commission would have powers to investigate accidents or any incidents it considers require investigation.

The Bill has its origin in the report of the Robens Committee set up in 1970.

Company News

Three Unichem depots to be expanded

An expansion programme for Unichem depots has been set underway at Swansea, Sheffield and Leeds. The depot at Meadow Street off Gors Road, Townhill, Swansea, has been doubled in size and the stock range is being developed to include counter proprietary goods as well as drugs and galenicals. This is combined with a significant improvement in the depot's delivery service to customers.

The Sheffield depot is to be moved in June to larger premises which offer faster and easier van loading and unloading and good access routes; van services will be further improved. A larger warehousing area will permit a more comprehensive range of stock to be handled.

At Leeds, a plan to build on to the existing warehouse at Howarth Place has been agreed and work is expected to be completed towards the end of the year. The extension, which will add an extra 2,500 sq ft, will enable the depot to introduce drugs and galenicals.

Reckitt & Colman sales up 20 per cent

From a 20-per-cent increase in sales to £255.76m in 1973 over 1972 Reckitt & Colman Ltd increased their profit before tax by 22 per cent to £29.17m. Profit after tax was £15.19m (against £13.18m).

The directors have declared a second interim dividend for 1973 and with the first interim dividend the total is the maximum permitted for 1973 by the Government. Accordingly, it is not proposed to recommend the payment of a final dividend.

Macarthys expand their veterinary interests

Macarthys Pharmaceuticals Ltd have exchanged contracts for the purchase by them of the whole of the issued share capital of Willington Medicals Ltd, an unlisted company based in Shrewsbury and engaged in the manufacture and wholesaling of veterinary products.

The consideration for the purchase of Willington is the issue by Macarthys of 292,858 Ordinary shares of 20p each, credited as fully paid. For the year ended March 31, 1973, Willington earned profits before tax of £44,752 and had net tangible assets at the end of that year amounting to £125,198. It is estimated that Willington will earn a pre-tax profit in the region of £45,000 for the current year ending March 31, 1974.

Willows Francis half-year

Group turnover of Willows Francis Ltd in the six months ended December 31,

1973, was £819,035 (against £757,770 in the equivalent period of 1972). Profit before tax was lower at £65,856 (£68,647) and after tax at £32,856 (£38,647). An interim dividend of 0.3675p is declared.

Boehringer Ingelheim buy WB Pharmaceuticals

Boehringer Ingelheim Ltd have agreed with Ward Blenkinsop & Co Ltd to purchase, for an undisclosed sum, WB Pharmaceuticals Ltd and Harker Stagg Ltd.

WB Pharmaceuticals will be moving to Bracknell, Berks, during the course of the next two months but for the time being all correspondence for them should continue to be addressed to Fulton House, Wembley.

Fisons' most profitable sector now pharmaceuticals

The pharmaceutical division of Fisons Ltd last year increased its world wide sales by 33 per cent to £34.81m. Profit derived from those sales was up 28 per cent at £5.62m.

The total trading profit of the group was £13·26m from sales up 20·1 per cent at £150·33m. Fertilisers have hitherto provided the biggest share of the profit but this year at £5·08m they came second to the pharmaceutical division despite their turnover at £19·198m being double the turnover value of pharmaceuticals.

Photopia profit advances

Photopia International Ltd continued their growth in the half-year to October 31, 1973, but the directors say there has been some slackening since.

The interim pre-tax profit advanced by 77 per cent to £358,000 from an 80 per cent sales rise to £2.87m. For the subsequent four months up to February 28, however, sales expansion slipped to 54 per cent, still ahead of budget.

Beatson Clark record

Beatson Clark & Co Ltd had group taxable profits of £913,000 in 1973 (against £895,000 in 1972) on turnover up from £6.4m to £7.7m. On net profits down from £601,000 to £533,000 the dividend is being raised from 5.25p to 5.51p.

Record aerosol production

British aerosol manufacturers report the largest ever annual increase in production of 77m aerosols representing a growth of 21·4 per cent in 1973. Total production at the year end reached 437·5m units or 7·8 aerosols for every man, woman and child in the UK.

Personal care products and toiletries are

the fastest growing and largest sector re presenting 59 per cent of all products and 75 per cent of the total growth. Main contributions to this expansion came fron personal deodorants and anti-perspirants hairsprays and Colognes and perfumes.

There has been a continuing steady growth in the production of industrial products and in medical aerosols, their tota being 14m against 11m in the previous year.

Briefly

Makro's first London self-service wholesale centre was opened to trade customers last week at Anchor & Hope Lane Charlton, London SE7.

Partena SpA is the new title adopted by the packaging equipment manufacturing company formerly known as SVM SpA of Carpi, Italy.

Rockware Group Ltd's operating profit before taxation etc, in 1973 amounted to £2.647m, an increase of £161,000 over 1972. In a year of only minimal selling price increases and a continued upward trend in costs the directors consider this a "not unsatisfactory achievement". Net profits before tax were £1.949m (£1.830m in 1972).

Hill's Pharmaceuticals Ltd, Nelson, Lancs, are moving to a larger warehouse at the end of March. The building of 72,000sq ft will eventually be increased to 150,000sq ft. From April 1 all operations will be from the new address at Talbot Street, Briercliffe, Burnley BB10 2JY (telephone: 0282-25932). A separate switch board has been installed in the hospital sales department, the numbers are: day or night 0282-25955.

Norcros Ltd, the holding company of Norprint Ltd, and Bunzl Pulp and Paper Ltd, state that agreement in principle has been reached to transfer the business of Bunzl Packaging as a going concern to Norprint. The acquisition of Bunzl Packaging will mean that Norprint can considerably increase their label production and printing facilities, whilst at the same time increasing their product range, the announcement adds.

Appointments

Wella (Gt Britain) Ltd: Mr O. H. Graulich has been appointed chairman and managing director of the Wella international board. To further strengthen the board of Wella (Gt Britain) he has appointed Mr J. H. Hobbs (previously chief accountant and company secretary) as financial director and Mr P. A. Batten (general sales manager) as sales director. Wellcome Foundation Ltd: Dr J. R. Vane, director of the Foundation since September 1973, has taken over from Dr D. W. Adamson full responsibility as group research and development director. Dr Adamson will remain a director acting in an advisory capacity. Dr Miles Weatherall, at present head of the therapeutic research division at Beckenham, has been appointed director of establishment of the Wellcome Research Laboratories at Beckenham. Mr M. J. Dunkley, MRCVS, BVet Med, has been appointed veterinary information officer at Berkhamsted, Herts.

OME OILS EASIER

ndon, March 27: A number of essential prices showed a definite easier tenncy during the week. After the runray prices of the past few months, uld this be the first signs of a downard movement to more realistic levels? at was the question buyers and merants were asking. Among the items ected were anise, eucalyptus and earmint from China, and petitgrain m Paraguay. The arvensis peppermint from China and Brazil were again up It not to the same extent as in previous eks. Also dearer were citronella and mongrass.

There were no signs of weakness nong crude drugs. All the commodities nich have been rising in recent weeks ere further increased. They included ıraçao aloes, Mexican jalap, menthol, d witchhazel leaves.

Senna shipments from Tuticorin dur-

g February were:

	UK Tons	US Tons	Europe
nnevelly			
leaves	_	18	194
pods			37

Dearer among pharmaceutical chemils were calamine, benzocaine, cincholine and stilboestrol.

harmaceutical chemicals

harmaceutical chemicals
pirin: 10-metric ton lots £660 ton; 5-ton £670;
on £680, delivered UK.
nzocaine: 50-kg lots of BP, £3-03 kg.
ucine sulphate: £20 kg.
lamine: BP £424-00 per 1,000 kg for 250-kg lots.
nchocaine hydrochloride: £49-50 kg.
ric acid: Spot BP granular hydrous per metric
n for single deliveries from £361 to £470 accordn to makers. Anhydrous from £387 to 506.
netine: 5-kg hydrochloride £285 kg; bismuth
dide £200.
gometrine maleate: 100-g lots £5-25 g.
ntichlor: 50-lots £1-73 kg.
rrous flumarate: £0-50 kg for 50-kg lots.
rrous gluconate: £733 metric ton delivered.
rrous phosphate: In kegs £493-50 metric ton.
ucose: (per metric ton in 10-lots) monohyate powder £94; anhydrous £175; liquid 43°
umé: £91 (5-drum lots).
ycerin: BP per metric ton — 5-ton lots £311;
on £313. In charged, returnable drums.
drogen peroxide: 35 per cent, £149 metric ton.
oscine hydrobromide: £314.14 kg.
oscyamine sulphate: (100-g lots) £59 kg.
n phosphate: In 50-kg lots £493-50 metric ton.
pprenaline sulphate: (100-g lots) £59 kg.
nophosphate: In 50-kg lots £493-50 metric ton.
pprenaline sulphate: 1-kg £18-00 kg.
oolin: BP is £66 per 1,000 kg natural £77-50;
ht £82-50 ex works.
beline: Hydrochloride £1-20 per g.
tagnesium carbonate: BP per 1,000 kg heavy
84; light £210.
agnesium bydroxide: BPC £560 metric ton.
agnesium peroxide: 50-kg lots 23-25 per cent.
-59 kg.
agnesium sulphate: BP crystals £46-75; BP
sliccated £115-40 per metric ton, ex works.
agnesium peroxide: 50-kg lots 23-25 per cent.
-59 kg.
agnesium sulphate: BP crystals £46-75; BP
sliccated £115-40 per metric ton, ex works.
agnesium trisilicate: £470 metric ton.
estranol: £120 kg.
sethyl salicylate: Per metric ton In 5-ton lots
40; 1-ton £550; 500-kg £560; delivered UK.
brethynodrel: £100 per kg.
rracetamol: Per metric ton, in 10-ton lots,
.570; 5-ton £1,620; 1-ton £1,670; delivered UK.

Piperazine: Under 50 kg lots, adipate £1.00 kg; citrate £0.10. citrate £0·10.
Sallcylamide: (per metric ton) 5-ton lots £770;
1-ton £780, £710.
Sallicylic acid: per metric ton 5-ton lots £555;
1-ton £580; 250-kg £630; delivered UK.
Saloi: Per metric ton in 5-ton lots, £1,620; 1-ton £1,670; 50-kg £1,270; delivered UK.
Sorbitol: Powder £375 metric ton for over 250 kg.
Stilboestrol: BP in 25-kilo lots £56·00 kg.
Strychnine: (kg) alkaloid £25·00; sulphate and hydrochloride £17·00.
Testosterone: £120 kg; proplonate £110.

Crude drugs

Aloes: Cape nominal; Curacao £1,200 metric ton spot.
Balsams: (kg) Canada: nominal, Copalba: BPC £3·00 kg spot. Peru: nominal. Tolu: BP £2·70 spot; £2·60.
Camphor: Powder £6·75 kg, cif, nominal.
Cochineal: Tenerife and Peruvian nominal.
Jalap: Mexican 15% basis £1.800 metric ton, spot; £1,750, cif. Brazilian £430 spot.
Menthol: Brazilian £18·00 kg spot; £18·20, cif.
Chinese £20·00 spot and cif.
Podophyllum: Emodi (metric ton) £410; shipment £390, cif.

Podophyllum: Emodi (metric ton) £410; snipment £390, clf.

Seeds: (ton) Caraway: Dutch forward £1,500 clf. Celery: Indian £375, clf. Corlander: Moroccan £110, clf. Cumin: Nominal. Dill Indian £195. clf. Fennel: from £335 to £350, clf. Fenugreek: £160, clf. Mustard: English £320-£340 spot. Styrax £2-60 kg spot; £2-50, clf.

Witchhazel leaves: Spot £1-70 kg.

Essential oils

Anise: £25.00 kg spot and cif.
Citronella: Ceylon £3.15 kg spot and cif.
Clove: Madagascar leaf spot cleared, shipment £3.75 kg, cif.
Eucalyptus: Chinese £7.50 kg, cif, 80-85 per cent.
Spanish £7.30. Spanish £7:30.
Geranium: (kg) Bourbon £22:00 kg.
Lemongrass: Spot £4:20; forward £4:30 oer kg, clf.
Patchoull: Spot £7:25 kg; £6:50, cif.
Peppermint: (kg) Arvensis-Brazilian spot £8:50
kg: shipment £8:60. cif. Chinese £9:25 spot; shipment £10:30, cif. Piperata American from £19:00.
Petitgrain: £11:50 kg, cif.

The prices given are those obtained by Importers or manufacturers for bulk quantities and do not include value added tax. They represent the last quoted or accepted prices as we go to press but it should be noted that in the present state of the markets quotations change frequently.

Coming events

Sunday, March 31

Rhahbarth de Cymru, Pharmaceutical Society, Grand Hotel, Llandudno, at 2 pm. Discussion of regional and branch boundaries and postgraduate

Tuesday, April 2

Finchley Branch, Pharmaceutical Society, Avenue House, London N3. Mr T. P. Astill (deputy secretary, NPU) on "Legal pitfalls in running a pharmacy".

Lanarkshire Branch, Pharmaceutical Society, Nurses' recreation hall, Strathclyde Hospital, Motherwell, at 7.30 pm. General meeting.

Nottingham Branch, Pharmaceutical Society, Postgraduate medical centre, City Hospital, Nottingham, at 8 pm. Professor J. R. A. Mitchell on "Coronary disease — an unsolved mystery".

West Middlesex Branch, Pharmaceutical Society, Bernard Shaw room, Questor's Theatre, Mattock Lane, Ealing, London W5, at 8 pm. Dr F. Fish on "Science in crime detection".

Wednesday, April 3

Sheffield Branch, Pharmaceutical Society, Chemistry lecture theatre, University of Sheffield, Western Bank, at 8 pm. Mr Bert Foord on "Your weather service".

Socialist Medical Association, House of Commons, London SW1, at 7 pm. Mr P. Wedge, National Chrildren's Bureau, Mrs G. Dimson (chairman GLC housing department), Dr Joan McMichael (SMA) on "Born to fail — an indictment".

Thursday, April 4

Bradford and Halifax Branch, Pharmaceutical Society, Midland Hotel, Bradford, at 8 pm. Mr A. G. Trotman on "Professionalism — management — trading — is there a conflict?"

Huddersfield Branch, Pharmaceutical Society, Spotted Cow Hotel, New Hey Road, Salendine Nook, Huddersfield, at 8 pm. General meeting.

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superannuation scheme.
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Applications are invited for the post of

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A major capital building programme is in progress under which the hospital will be eventually developing to approximately 740 beds.

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Applications are invited for the above post at High-lands Hospital (530 beds) be responsible for patient services. Informal enquiries to the Staff Pharmacist in charge.

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Ilford and District Hospital
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AGENTS

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Agents

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WE WILL PURCHASE for cash WE WILL PURCHASE for cash a complete stock of a redundant line, including finished or partly finished goods packaging, raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone Lawrence Edwards & Co. Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel: Park 3137-8.

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1 dozen 'Mirolites'.

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CHANGE OF ADDRESS ANNOUNCEMENT

TO PHARMACISTS AND PHARMACEUTICAL MANUFACTURERS

FROM APRIL 1st 1974

The Pharmaceutical wholesalers and Manufacturers of:

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The continual increase in wholesale business has necessitated moving to a 72,000 sq. ft. building, with an ultimate capacity of 150,000 sq. ft.

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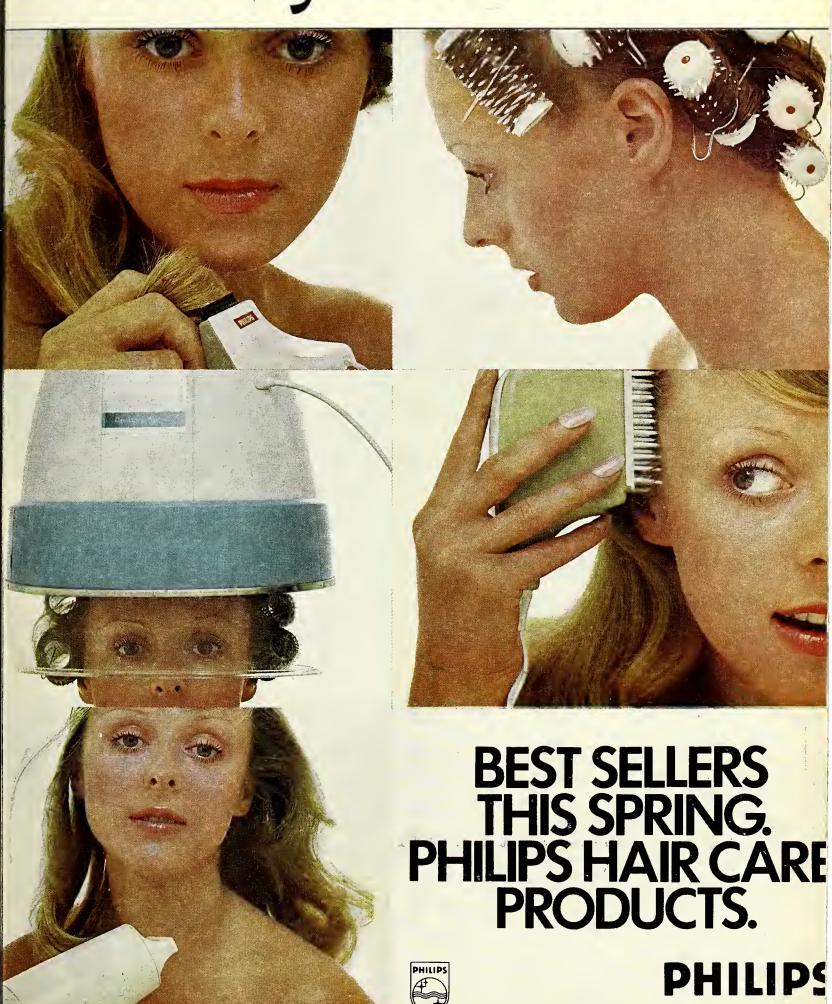
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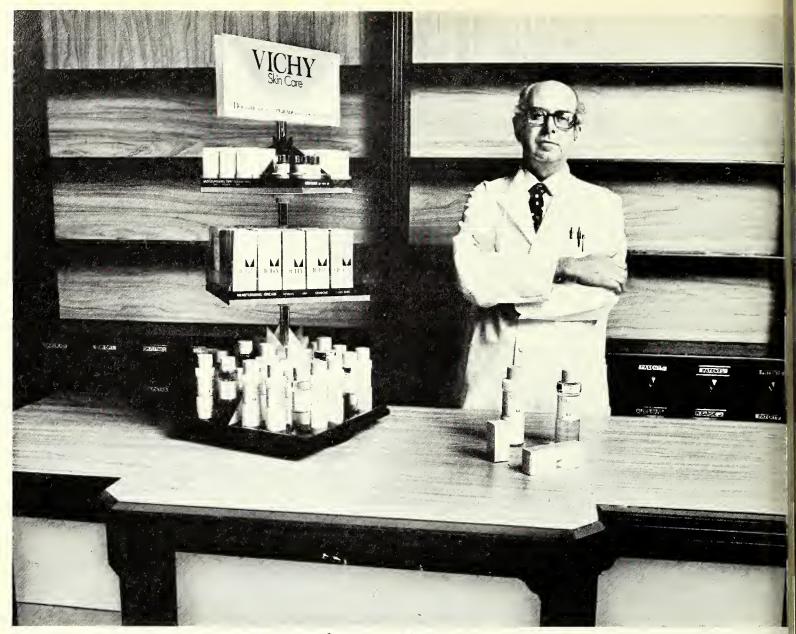
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Ente Autonomo per le Fiere di Bologna Via Ciamician 4 40127 Bologna (Italia) Tel. 516245 - 519251 Supplement to Chemist & Druggist March 30 1974

Beauty Business



Simply years ahea



Vichy skin care. One of the few beauty products that deserves to be sold in a chemist.

Because the new range of Vichy skin care products were developed by chemists, and made to the highest pharmaceutical standards, we insist they be sold in the only place they really belong. In a chemist.

And because skin care is a serious business, we believe the person best qualified to sell it seriously is a pharmacist. Someone whose attitude and standards reflect Vichy's attitude and standards; selling products so good that they become a part of a woman's regular skin care routine, and not just a passing fancy.

It's the philosophy we've stood by for over 50 years. And it's a philosophy that's paid off. Vichy is the largest selling brand in Europe.

After a successful launch in the U.K., Vichy will

now be expanding its market. Our range will include cleansing milks, tonic lotions, moisturising creams, and moisturising tints, formulated for the four main skin types; oily, normal, dry and sensitive.

In addition to our Sales, Display, Advertising and Promotion support we'll be keeping a pharmacist on our staff at all times ready to give you all the technical assistance possible. So you'll be able to give your customers as much assistance as possible.

Our philosophy is one we've found to be very successful. It's one we think you'll find very successful as well. VICHY SKIN CARE

Sold only through chemists throughout the world.

spring nto action

time for customers to throw off their ter woollies, throw away their accumude hotchpotch of winter makeup and a fresh look at their old familiar. To help them—and us—the beauty sees offer two looks this spring. Houses a as Max Factor, Mary Quant, and the enaurge the recapturing of a dreamy, ant makeup mood whilst Elizabeth en, Helena Rubinstein and others entage a "back to nature" trend.

Cream with everything" sums up the me brulee" spring look created by iglas Young of Max Factor. For this groomed look he used Moisturised by Fair whipped creme makeup, with the puff to give a creamy smooth common. Clearly nutmeg California eye ser and vanilla frost eye shadow our the eyes and caramel kiss lipstick upletes the look.

Beautiful dreamer" is the look from y Quant. The hazy, muted colours plement the floaty chiffons, silks and crepes that will be popular this ng. In contrast to Quant's subtle les but still with sophistication in d, is Juvena's "Scarlet look". The y pale skin throws emphasis onto the x eyes and lips that are coloured with y mauve eyeshadow and sweet plum lick for the cupid's bow lips.

he "healthy face" look from Elizabeth en and Helena Rubinstein reflects the burs found in nature — greens, yellows, was and pinks. Arden's "country girl" is created by using their creative buring pencils to colour lips, eyes and eks, whilst Helena Rubinstein claim "Aquarelle" look has the same lities of softness and lightness of the as the water colour the name im-

or darker skins, Tawney have introed a spring range the colours of which, say, capture the exciting atmosphere he West Indies. The slightly pearlised ther gives a luminous quality to the and the eyes are highlighted by ted eyeshadows.

es that sparkle

owing the success of cosmetic pencils crayons last year, many beauty houses e added new pearlised shades this ng. Mary Quant's pearly crayons and dley's pearly pencils are examples. tinuing the trend towards frosted burs Max Factor have introduced y colours in their colour-on water-of eyeshadow range and new from

Yardley are their shimmer shades—bottles of gleamy, liquid eyeshadow that is stroked on with its own applicator. To complete the "pearlised" look, Helena Rubinstein's Alpine Ices make lips shimmer.

Earthy fragrances

In keeping with the "natural" spring look, Coty have introduced Sweet Earth fragrance compacts. Each compact contains three essences in either a flower, wood, or herb fragrance. Alyssa Ashley have created Naked Esscents, perfumes that

Beauty Business

Editor: A. Wright

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owe much to their "natural" ingredients—green apple, oak moss and tea rose.

Such an unusually wide variety of spring looks gives opportunities for those who are willing to help the customer just that little more and ensure their purchases are just what they wanted! It is also the opportunity to encourage experimentation but avoid the outrageous!



sy of Max Factor

Dealing with skip problems



by Elizabeth Anderson

is the largest "single organ" in the human body and, if you could weigh it separately, it would account for around 6 lbs of your total body weight. It is made of two broadly distinct layers: the epidermis and, beneath that, the dermis. The part of the skin immediately visible, the epidermis, is composed of many tiny cells which are continually reproducing themselves. (The upper layer of the cells is dead and these dead cells drop away from the surface It is only in the deep layer that cells of tally, the job of the epidermis is to prothe surface, for it here in the dermis the kind of products which should be used

Truly one's skin is a bit of a miracle. It that the minute blood vessels, the nerves, the sweat glands and the hair follicles really are. And, of course, the important sebaceous glands which secrete the sebum, the fatty substance that lubricates the skin and keeps it supple and smooth.

Before one can begin to plan a skin care routine it is essential that the skin type is correctly identified for cosmetics have come a long way from the idea that a good brisk lathering with soap and water is all that is needed to keep the skin shindaily with washing or cleansing routines. ing clean, and therefore healthy! Basically there is a simple "rule of three" which the epidermis are alive.) But, fundamen- should be followed each day to keep the skin looking at its best — and the trio is tect the dermis — the true skin beneath cleanse . . . stimulate . . . and nourish, but

to achieve this vary from skin to skin.

Normal skin

Recognise it with delight for it has few problems, but it deserves to be cherished Cleanse it with soap and water in the morning, and with a cleansing cream at

Stimulate it with a mild skin freshener. Nourish it with a light cream overnight.

Oily/Greasy skin

Recognise it by its open pores, its decidedly shiny surface, and its inclination to a sallow tinge.

Cleanse it with soap and water, followed by a light tonic freshener.

Stimulate it with an astringent lotion to close the pores.

urish it with a light cream and watch t and cut down on fried foods, sweets t oily dressings and sauces.

y skin

cognise it by its papery texture, the pores nost invisible, and its tendency to prote fine lines and wrinkles at an early

ranse it always with a cleansing milk cream, never with soap and water.

mulate it with a light tonic lotion preably with a formulation containing no ohol.

urish it with a rich skin food applied htly.

ensitive skin

cognise it by its somewhat transparent k, and its inclination to become easily tated, and to broken veins.

canse it with a mild, unperfumed cream anser.

mulate it with a mild tonic lotion diluwith cold water.

urish it with a specially formulated am for sensitive skins.

ature skin

cognise a mature — or ageing skin — its slightly dull or greyish appearance 1 its parchment-like texture.

canse it with a cleansing cream.

mulate it with a mild tonic lotion.

urish it generously and often with a n food. Mature skins need, more than others, a strict day-to-day routine to ure that its sensitivity is well guarded.

wney skins

ere are a number of cosmetic houses o are making a special study of costics for dark skins. They have realised t dark complexions have a unique to their own which can be emphased with specially formulated makeup t helps to counteract the unbalanced n conditions brought about by a dramachange in climate and diet.



Above are the stages in Helena Rubinstien's beauty mask treatment — Brush-on, Peel-off. The mask is an aquamarine fluid gel that has a "deliciously cool and refreshing action". It is stroked on to the face with a brush that is built into the bottle cap. As it dries, the skin gently tightens. After relaxing for about 15 minutes the mask is dry enough to be removed. It should be peeled downwards, from the forehead, and should come off in one piece, bringing with it any excess oil and flaky skin from the skin surface.

potlight on common blemishes

en the best natured skins have special n problems from time to time. Below, ed in alphabetical order, are the most nmon ills that skin is heir to:

ne is caused by an inflammation of the accous glands which leads to small aples appearing on the surface of the n. This is a condition especially prevation adolescents. It is essential that the n is kept absolutely surgically clean and e of the special washing liquids or atments help in this area. Blocked pores, ted with grime and grease, need a anser that dislodges impurities long bete they have a chance to become blackads, and to ensure that the skin is kept free.

dergies can be caused by the perfume in the cosmetics, the landlin in others, or dye in colour cosmetics. Use cosmetics cially designed to be non-allergenic.

Eczema is an eruption of the skin that if it is more than minimal should receive medical attention.

Herpes are cold sores which break out onthe lips and around the nose. They are infectious, but it should always be remembered that they feel much more disfiguring than they look.

Moles are small birthmarks and are usually dark in colour and can, therefore, be disfiguring. Whilst the odd small mole can make an attractive beauty spot some need to be toned down with make-up. If moles are considered disfiguring they can be painlessly and safely removed, but again medical advice is essential.

Puffy Eyes can be a misery but are often easily alleviated by the use of the right kind of mask, but a chronic puffey condi-

tion of the eyes demands the attention of a doctor, as it may be a symptom of ill health.

Superfluous hair — or hypertrichosis — can be due to a number of reasons. Sometimes due to puberty or the menopause, or as a result of hormone therapy or a glandular imbalance, there is an increase of superfluous hair to an extent of its being disfiguring. If the growth of hair is light it can be camouflaged quite successfully with make-up but, if it is dark, the growth may need some kind of bleaching or it can be removed with a course of electrolysis. Again medical advice should be sought as there can also be accompanying psychological problems to the tackled.

Whiteheads are, like blackheads, caused by clogged pores but, they show up as tiny white lumps beneath the skin's surface. They are usually caused by over-acidity and should therefore be guarded against by an extra attention to diet — cutting out rich foods, cakes and sweets and stepping up the fruit and vegetable intake.

On the shelves

Here is a round-up of some of the newest products on the market dedicated to skin care.

Just on your counters are some new Special Receipe products from Mary Quant including Special Recipe cleansing milk, a light, non-greasy lotion which will probably be preferred by oily skin types.

Helena Rubinstein's brush-on peel-off mask is an aquamarine fluid gel, deliciously cool and refreshing, which you brush on to the face with the brush neatly built into the bottle's cap. As the mask dries it will gently tighten the skin. Relax for 15 minutes and then remove the mask by peeling it downwards from the forehead. When it is dry the mask will come off in one piece, bringing with it any excess oil and flaky skin. Brush-on peel-off mask is a really quickworking pick-me-up.

New this month is an exciting cream from Orlane — Super-Hydratante B21 — a cream they call a spectacular cure for the skin's dying thirst and the dehydration which threatens most complexions. Super-Hydratante B21 "normalises" the condition of the epidermis by constantly balancing its moisture content and, containing natural moisture-retaining elements, it encourages the fixing of moisture in the epidermis.

For Spring this year Revlon are introducing three products in their Moisture Prescription Series — the extra special skincare collection launched in this country last September. Protective hand cream, anti-wrinkle cream for the eyes and an anti-wrinkle stick for the eyes. They also have a new Moisturising lip conditioner to help beat the cold war blues and prepare for summer days.

Charles of the Ritz have very recently introduced a skin care range for the young which consists of a transparent lightweight moisturiser — Ritz moisturiser — Ritz oil blotter, an oil-free blotting gel that smoothes on quickly and evenly to leave a transparent "buffer zone" between the skin and its make-up, Ritz tint, a liquid make-up in a tube designed to give a sheer finish with the minimum of coverage, Ritz overnight creme and Ritz peel off mask.

Christy have introduced a new range of skin care products that is suitable for dry and normal skins. There are five products— a deep cleansing lotion; a skin toner that does not contain alcohol and is therefore suitable for the most delicate skins; a moisturing cream; a lanolin beauty mask; and hand and body lanolin.

The Vichy range of skin products is now available to all retail chemists. The range is comprehensive, containing products for all skin types. It includes cleansing milks, toners, moisturisers, eyemakeup remover lotion, night cream, rejuvenating cream, face masks and a moisturising tint that is in three colours, absorbed into the skin and



Courtesy of Revion

"blends with the natural tones of the complexion to give a sheer, delicate blush o colour".

Scott & Bowne's Face Up offers a "salon-type" beauty treatment in the comfort of your own home. Besides the ge mask, there is a cleanser, toner, moisturiser and eye pads plus a head band to keep the hair away from the face.

The Anne French range of skin care products includes a moisture cream cleanser for dry skins, and deep cleansing milk for oily skins. Anne French Glow 5, a flower scented beauty mask, is suitable for most skin types and is packaged in a box of three sachets.

Swiss Bio-Facial, distributed by Eyelure Ltd, is an effective preparation suitable for all skin types, and has a rapid healing action. It can be used just as an antiseptic to heal blemishes, or as a skin cleanser and moisturiser.





A film has recently been made depicting one of London's most famous streets — Bond Street. It captures the busy atmosphere of this fashionable street, and features cosmetic, fashion and jewellery establishments such as Yardley, Fenwicks and Booty. The picture on the left shows the camera in action at the Yardley consultant training school. Right, features a rehearsal for the belly dancer entertainment which took place during the launch of Khadine at an "Eastern feast" to which the Press was invited. The 20-minute colour film, made by Martin Benson Films Ltd, is due to be released this year.

our customers'eyes will open wide...



New products—New eye-catching packaging.
Powerful consumer advertising—with
this gorgeous girl

A whole New Look for Christy Skin Care!

A complete Beauty range, including he famous Lanoline Face Pack-now enamed Christy Lanoline Beauty Mask.

- Christy Deep-Cleansing Lotion
- Christy Skin Toner
- Christy Moisturising Cream
- Christy Lanoline Beauty Mask
- Christy Hand & Body Lanoline

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The nose at work

Arabian incense, fragrant sandalwood, precious cargoes of sweet balm and myrrh... the use of perfumes dates back to the earliest days of civilisation and the names still conjure up visions of exotic luxury. The perfumer's art is an ancient and mysterious one. Even today one somehow expects a perfumer to be a temperamental individualist, working away in his laboratory blending precious substances like musk, jasmine and patchouli to produce expensive fragrances sold under evocative names.

It is not really like that, of course nothing could be less exotic than the International Perfumery Centre that is the home of Proprietary Perfumes Ltd, one of the largest perfume factories in the world. Mr Alfred Hagemann, the chief perfumer, does not look in the least like a medieval alchemist, and he is more likely to be found studying the graph of a gas-liquid-chromatograph or writing a market report than dreaming over little glass vials. And the perfumes he creates are far more likely to end up as the characteristic smell of a world-selling soap-powder or deodorant or shampoo than on the dressing-table of some rich lady. For at PPL, where perfume is measured by the ton and exported to 70 different countries, only about 300 of the total 3,000 tons annual production is "handkerchief perfume".

Romance

Mr Hagemann's world is a completely modern one, down-to-earth and business-like. He is a trained pharmacist: all would-be perfumers have to be qualified chemists or pharmacists these days before they even begin their training, for it is essential to understand the composition of the many synthetic materials that go into modern perfumes, as well as the way the compounds react to the products they are added to. His position as chief perfumer means spending a great deal of his time on administration, organisation, and travelling all over the world to study local tastes in perfume.

Yet the romance of the perfume world still exists — PPL imports clove oil from

The nose that launched a thousand smells

Madagascar and musk from the Far East, although they arrive, like all the other oils, in great drums like petrol. And Mr Hagemann talks about patchouli and ylang-ylang with the same assured familiarity that he has for aldehydes and hydro-carbons.

His approach to his work, too, has something of the calm, dazzling virtuosity of a great musician: his memory for aromas is so extraordinary that he can create a perfume of 20 or 30 ingredients without smelling one of them. He writes down the formula in the same way that a musician can write a sonata without touching the piano; and his confidence is so great that, if the result is not what he expected, his assistant will be asked to mix it again and make quite sure she has not made a mistake before he will consider that he might have miscalculated the harmony.

Rigorous training

A perfumer's great indispensable asset is his nose. Modern chemical techniques provide time-saving short cuts; but no machine has been invented that can distinguish the subtlest variations as accurately as a well-trained nose. The training is rigorous indeed. In his first five years a perfumer must learn to distinguish—and to remember accurately—700 or 800 basic materials, before he can even begin to be creative; Mr Hagemann's delicate nose can recognise something like two thousand.

From the 300 or so natural and 2,500 aromatic chemicals available, each perfumer selects his own range the way a painter selects his colours. Ranged in alphabetical order in his laboratory they make up what is called—another musical parallel—his "organ". It is from his own personal range that he makes up his perfumes, and the result is so individual that Mr Hagemann can recognise, at least half the time, which of the nine perfumers working for him has created a particular scent.

He believes that in his career he has created well over 5,000 different perfumes. Many of them have become familiar to housewives all over the world, who often do not realise that the product they are using does not simply smell of itself. Even such apparently odourless products as paper handkerchiefs have perfume in them

so that they will smell the way they are meant to; Mr Hagemann has put the aromas into such products as Lux toilet soap, Knight's Castile, Omo, Persil, Sunsilk shampoo and Surf. And often he creates several different odours for the same brand name—for a Lux soap in the UK or Australia may well have to be different to appeal to ladies in Ceylon or Mexico or Singapore. There are all sorts of problems in creating for such widespread international markets. In Muslim countries, perfumes must not have an alcoholic base, for example, and in Singapore and Bangkok they do not like the smell of eau-de-Cologne.

He came to be a perfumer almost by accident. He was working as a chemist in a factory in his native Hamburg, when he had to take charge of the perfume production because the only perfumer had fallen ill. Having discovered that he had a talent for this occupation, he came to England in 1963 to join the staff of PPL as a perfumer with a particular knowledge of the German market.



Mr Hagemann pauses to make a note on the end of a "smelling strip", where the perfume formula is carefully marked. In the background are rows of bottles known as the "perfumer's organ".

BOTTLE BEAUTIFUL

k around your shelves of toiletries and netics and you are certain to see bottles pots with some really beautiful decorations. In the case of glass containers, the duct name, illustrations or instructions use will often be raised above the ace, yet "fused" into it. Such decoranot only don't come off when you or customer handle the product—they ain part of the container for the whole ts life.

lk screen

find out more about the decoration cess, Beauty Business visited the north don factory of International Bottle Co. by famous cosmetics houses have their tainers printed there, and it all starts a "Jilk-screen". The screen, actually hylon, is first stretched across a frame coated with a light-sensitive material 1). When dry, this is exposed to light contact with a negative of the design; light makes the coating soluble so after a washing-out process, the nylon allow ink to pass through in accorder with the design, leaving the remainder the screen mesh "filled in", thus forma stencil.

ext comes the actual printing, and a ety of machines are used according to ink, the shape of the container and quantity being processed. To take the



The screen is first coated with a lightsensitive material (1)

example of a round bottle (fig 2), the operator places the unprinted container onto rollers and starts the machine cycle. The screen, with ink on its upper surface, lowers to the bottle and moves across its surface, turning the bottle as it goes. A squeegee ensures that ink is forced through the clear areas of the design on the silk screen onto the bottle surface.

Colours

On flat-sided bottles the method is to place the bottle in a fixed position, the silk screen is lowered on to the bottle and a squeegee passes across the upper surface of the screen again forcing the ink through the design but not through the "filled in" mesh.

At the end of the cycle, the decorated bottle is removed for inspection. The whole of this process can be made automatic for large quantities.

Several types of ink are used. "Thermoplastic" inks have to be kept warm during application, and this is achieved by two radiant heaters directed at the screen. On touching the cold bottle surface, these inks "set". Other inks which dry in the air give a wide colour range—including fluorescent — because vegetable dyes can be used, but they are less permanent than the vitreous enamel inks — although they won't come off if scratched with a finger nail, they would if you used a nail file. These inks must also be carefully chosen to ensure that they do not "run" if the contents of the container spill over onto them!

But the "fused on" decoration comes from the use of vitreous inks, though the colour range is limited by the number of pigmentation minerals available. When these inks are used, the inspection stage is followed by "firing" in a lehr—a type of oven through which the bottles move slowly on a conveyor belt (fig 3), becoming gradually hotter until the ink fuses then slowly cooling again to avoid stresses in the glass (which might lead to breakage during handling).

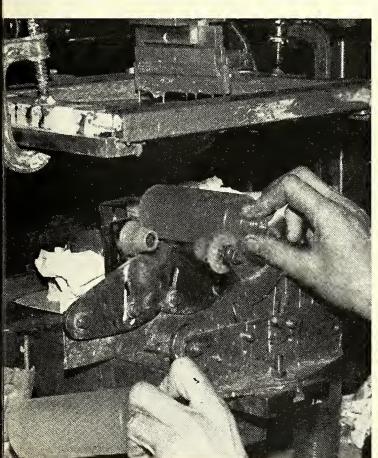
Under the silk screen a round bottle is placed in position for

Printed bottles are checked before they enter the lehr (3)

printing (2)



At International Bottle Co they can put several colours on the same bottle—though each means a separate printing stage. And if you wish to see how fine the work can be, just look closely at one or two "miniatures" on your shelves.





The bow & why of makeup

Spring has brought its usual rush of new "looks" from the beauty houses and once again there are the supporting ranges of lipsticks, eyeshadows, foundations, plus a host of skin care preparations to enable one to get the look "just right". Faced with such a variety of products it is no wonder that many people need advice on which products they should use and the correct way to apply them. Beauty Business discusses the how and why of makeup and covers some of the problems customers might ask.



Courtesy of Arden

A clean sweep

Cleansers ensure that the skin is scrupulously clean before makeup is applied. It is one of the most important steps in the makeup process.

To promote the correct oil and moisture balance in the skin, it is necessary to use the right cleanser for each skin type. Most cosmetic houses have a range of cleansing creams and milks for dry, sensitive, oily and normal skins.

Cleansers should be applied to the face and neck with the fingertips, massaged in lightly for at least 25 seconds to allow time for the makeup to be "lifted" from the skin, and then wiped away with moistened cotton wool. Cleansers should be wiped off with an upward and outward movement. The cleaning should be repeated, this time rising away with cotton wool soaked in a toning lotion.

For those who do not feel clean unless they have used water on their face, there are water-miscible preparations, for example Cuticura deep cleansing cream, that are massaged into the skin and then rinsed off with water.

Eye makeup remover pads or lotion should be used on the delicate tissue surrounding the eye. The pad, or lotion on cotton wool, should be worked gently around the eye area until the makeup is removed, holding the skin firm at the outer edge to stop any "drag."

To keep the face looking healthy and clean, a weekly "home facial" is considered by many a must. Facial saunas, such as Carmen's Lady Schick, are becoming a popular way of "drawing out" the deepseated dirt and grime. Another way is to use a face mask.

To choose the correct face mask for each skin type is just as essential as in any other stage of makeup. After thorough cleansing, apply the mask in a thick layer to the face and neck, avoiding the eye area. Most masks take from 15 to 30 minutes and should be rinsed off with tepid water, followed by a toner and moisturiser. It is however essential to warn customers to "read the instructions."

Tone up

The cleansing routine is best completed by the use of a toner to freshen the skin, mop away any residual grease left from the cleanser, firm up the skin, and improve surface circulation by stimulating the tiny muscle fibres in the lower skin layers.

Toners should be applied briskly, with a light, slapping movement on a piece of cotton wool. Oily skins need a toner that contains a mild astringent, dry skins one that contains moisturisers.

For added protection

Whether makeup is worn or not, the face needs to be protected from external elements such as wind, sun and sudden changes in temperature and the most effective protection is a moisturising cream. All skins need "moisturising"—even oily skins-makeup is no substitute and should never be worn without a moisturised base. Moisturiser should be applied with the finger-tips to the face and neck while the skin is still damp from the toner. Gently massage in with an upward, circular movement.

Night creams are heavier than moisturising creams; having a higher content oil to prevent dryness, flakiness and redness in the surface layers of the skin. They are applied in the same manner as moisturisers.

Eye creams are used on the under-eye area which is particularly prone to drying out and for "crows feet" to appear. A night cream is "too rich" for this area, so a light eye cream should be patted-never stroked—around the eyes each night and

Hand and body lotions complete the

pe of moisturisers. They are used on and sensitive patches on hands and y, and even on the face, and are parlarly good on areas where the skin is to become rough—elbows, heels and es. Christy's hand and body lanoline is example.

ying a foundation

undations improve the colour, texture general appearance of the skin and vide a smooth base for makeup. There different types of foundations, but tever type is used it should blend into natural skin tone, not changing the ial colour more than a fraction. To ose the right foundation, test it on the k of the hand as this is the nearest tone match to the face.

he different types of foundation are:

am and cake foundations which give
most cover. Cake foundation should
applied with a damp sponge to give
even coverage. For a "flawless" finish,
e powder should be worn with these
indations.

ciquid foundation gives a lighter look, I can be worn without powder. It is blied sparingly with the fingertips, nding over the face—one area at a e—with an upward and outward move-

coundation sticks give extra cover and easy to apply—stroked on first, then nded with a sponge. And all-in-one ndations are both a foundation and vder in one.

A recent development in foundations are s: clear, gel-like makeup which adds our but no cover to the skin. These more popular in summer because they e a "tanned" look to the skin.

nishing touch

wders can be either tinted to match foundation, or colourless—translucent and are either compressed in a compact, loose. Powders "set" makeup, making last longer but it is important not to too much as this will clog the pores I give a "caked" appearance. Dust off excess with light, downward strokes flatten facial hair and give a smooth sh.

aping up

shers, shaders and highlighters are used "shape" the face, and they do just what y say: blushers add colour, shaders de away areas of the face, and highiters draw emphasis. Each product has following forms: Powder the easiest apply, usually comes in a compact with own brush. Stick, a swivel stick that is pked onto the face and is applied before wder. Cream, usually stroked on with fingers before powder is applied. This es a stronger colour than the stick type. he way in which blushers, shaders and hlighers are used depends on the shape the face. Different shapes determine ich areas are to be emphasised and ich are to be shaded. For an oval face enerally acceped as being the ideal pe — shader should be put under the

cheek bones and highlighter high and wide above them.

For a round face, the shader should be dusted under the cheek bones, starting at the hairline, and under the chin to disguise any "doubles"! No highlighter should be used, but blushers placed well forward onto the cheeks to narrow them slightly.

To shorten and widen a long face, blusher should be placed onto the cheeks, not under the cheek bones, fading backwards to the hairline. Shader should be stroked onto the point of the chin and tip of the nose. Highlighter placed high on the cheekbones adds width to the face.

Finally, for a square face, emphasis should be placed on the eyes by extending the eyebrows to "widen" the forehead. Shader is stroked under the cheek bones and then backwards, down the sides of the face to slim the outline, exending along the jaws to soften the jawline. Highlighter is placed high on the cheek bones to widen the upper part of the face.

Eyes right

Eye makeup has two major functions: to complement and blend with the total fashion look, and to give emphasis to the best features of the eyes. There is a great variety of colours and textures to choose from, and the forms include: Eyeshadows made up of many types—glossers in tubes or pots, they set quickly and do not crease and are therefore ideal for long lasting makeup. Creams come in compacts and are soft and easy to blend with the fingers. Powders have a greater range of colours and are easy to apply with a brush—these give a more "natural" look. Automatic waterproof eyeshadow has its own builtin brush for application. Cake shadow is applied with a wet brush and is very long lasting. And more recently introduced, pencils and crayons that are stroked onto the eyelids.

Eyeliners are less popular than they used to be. There are three types: cakes, applied with a wet brush; liquid which gives a more definite line; and automatic which has its own built-in brush.

Mascaras colour and separate the lashes and are in the following forms: Automatics are easy to use and have their own brush-tip applicator. Build-up automatic mascaras have tiny flecks of fibre added which cling to the lashes to make them look longer. Comb-on mascara is automatic but is applied with a comb applicator. Cake mascara is applied with a wet brush and cream waterproof mascara is in a tube and is applied by a brush. To give lashes a "professional" look, eyelash curlers, such as those from Maybelline, curl the lashes and make them look longer.

Eyebrow pencils emphasise the brow and should be used softly, with fine feathery strokes following the natural line of the brow. Eyebrows should be kept trim by plucking away untidy hairs, usually underneath the brow, in the same direction as the hair grows.

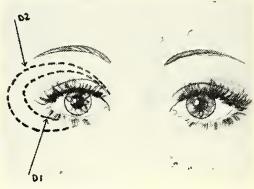
False eyelashes makes eyes appear much larger, again. The purchaser should be "taken through" the "application instructions".



Courtesy of Yardley

Open eyed

Eye makeup, used correctly, can give shape to eyes in much the same way as blushers and highlighters do to the face. David Hartnell, fashion makeup designer at Maybelline, suggests the following tips to make eyes appear larger. Eyebrows should be soft and defined, brushed up-



Courtesy of Maybelline

wards slightly, and down at the outer edges. Soft, smoky shades of shadow should go on the lid (D1) blended upwards and outwards fading into the socket line. Deeper colourings are then applied over the area (D2) which, if pearlised, will have a highlight effect. Lashings of mascara should be used, or to make eyes even larger, false eyelashes should be worn.

Lip service

Most cosmetic houses offer a great variety of colours and textures in their lipstick ranges. Lipstick can be cream, or gloss, which adds a shiny finish to the lips. Some gloss lipsticks have built-in colour and are creamy.

Lipstick should be applied with a lip brush. The best method is to fill the brush completely with the chosen colour, rest elbow on a table and place the little finger on the point of the chin. Then, using the brush like a pencil, outline the top lip first and fill in with the colour, Repeat for bottom lip, blot with a tissue and apply a second coat. There is no need to press hard with the lip brush as the colour leaves the brush more easily than from a lipstick.

The emphasis should be on the fact that the whole makeup should be colour coordinated. For example, a beige foundation tones in well with brown, green or russet eyeshadows, and beige or coral lips. Makeup should blend or complement the overall fashion look and most of all, should reflect the individual's personality.

Euthusiastic welcome for Rouge Baiser

The launching of the Rouge Baiser range of cosmetics at the Selfridge Hotel, London, on March 14, was met with enthusiasm from those who attended. "We have received a large number of orders follow-ing the launch" a spokesman for Cardinelli Beauty Products said, "and we firmly expect more in the next few weeks. The blister pack on an auto-cylinder display is an innovation in this country," he con-tinued and the company claim that the products "simply sell themselves".

At the launch the company's president, Monsieur Guilbert, outlined the success they had achieved in France - the "home" of the company — and was optimistic that they would be able to "conquer" Britain too.

At right is the "super" floor stand which holds the extensive range of Rouge Baiser products. It is one of four dispensers available, the others being a counter stand, a revolving floor stand and a boutique floor



stand. The retailer receives the range packed in the self-service dispenser, com-

plete with colour testers.

Bathroom en suite

There has been a "colour revolution" in the bathroom. No longer do we take our bath amid pastel shades or clinical white surroundings. Now the smart thing is to bath in style: fashion has moved to the bathroom.

Baths and basins come in fashionconscious colours — avocado, mustard, chocolate, aubergine, for example. Bathroom accessories too, from tissues to tiles, towels to toothmugs, are available in suitably toning shades. And toiletries are not being left behind. Talcum powder, bath oil, soap and body lotion all come prettily packed in a wide range of styles, shapes and shades. Now it is possible to choose them to match your bathroom decor, or choose your bathroom decoration to complement a favourite range of toiletries! A quick browse through a wallpaper pattern book will give an idea of designs and colours available and there is such a choice that it's easy to find one to set off a bathroom and to complement bath products. Such bath care products as Vivelle's Turquoise bath range — consisting of bath oil, body tale, body shampoo and soap on rope — the clean cut lines of Tabac Original's after shave and eau de Cologne in their white opaque bottles with the brown top and gold lettering, and the elegant fragrance of French perfumes by Caron in their beautiful bottles and distinctive style, can all the complemented by such wallpaper fabrics as those found in the Sanderson range.

Dana launch hairspray

This month saw Dana perfumes launch the first hairdressing product — Tabu hair-spray — to appear in the UK under their label. The hairspray, which will be available for sale in mid-April, has the famous Tabu fragrance and comes in a white.

black and gold aerosol can with the Dana violinist motif on the front. It is said to hold the hair gently but firmly and does not dull the hair. It is neither greasy nor sticky and brushes or washes out easily.

Helping in the launch of the product, Jason of Jingles, one of the youngest hairdressers in England, worked with Dana Perfumes to create three soft and feminine hairstyles for the launch. And to promote the hairspray still further Dana are offering it free with every 2-oz Tabu spray Cologne bought.

Exotic colours from Almay

The East inspired the new look for spring and summer from Almay. It's called Sasavaki (Japanese for "soft and whispering") and with their deep shades of pink and reds they hope to capture and reflect the exotic and exciting atmosphere of Japan. The collection contains eight creme nail enamel shades, all in a new, neat bottle that can be toned with one of the four lipstick shades packed in black and gold cases. The colours have such names as tiger lily, geisha silk and dusty lotus.

Body Mist, a new image

Beecham have recently launched a new and improved Body Mist anti perspirant. The product has been fundamentally restyled, to offer a choice of three fragrances, and is attractively packaged.

New Body Mist is extremely effective on the purely functional level of checking odour and wetness, but Beecham claim its unique feature is the way in which its ingredients have been balanced to produce a spray which is neither wet nor powdery. Body Mist sprays on gently and evenly, drying on contact to form a near-invisible film, leaving a "soft, smooth feeling" on the skin.

Exhaustive market research and testing resulted in the selection of the three Body Mist fragrances. Seven international perfumers were invited to formulate a range of perfumes to appeal to the widest possible cross-section of women. From the fragrances submitted, three were overwhelmingly preferred by both Body Mist and non-Body Mist users: wild rose, a light, floral fragrance designed to appeal to the mature woman who prefers the "classic floral fragrances"; spring whisper, a light, "sophisticated" fragrance aimed at the fashion and cosmetic-conscious 20's to 30's age group; and dawn fresh a light, "young" fragrance aimed to appeal most strongly to the teenage anti-perspirant buyer.

In line with its new, "ultra-feminine" image, Body Mist has been re-packaged in pretty cans which combine strong feminine appeal with shelf impact. The cans feature softly-printed natural motifs, including roses, ferns and cloudy mountains, in gentle pastel colours, and are pretty enough for any bathroom or boudoir. Other packaging features are the new, large button and easily-located spray opening, which make spraying faster.

The company feel that the new spraying properties, perfumes and packaging combine to make Body Mist an "exciting and feminine" antiperspirant.

The Wombles at bathtime

Bellair Cosmetics have launched a new range of toiletries based upon the popular children's characters, the Wombles. Although aimed at the $6\frac{1}{2}$ million viewers of the Wombles television programme, the range is expected to have a much wider appeal.

The Wombles first came into existence in 1968 with the publication by Ernest Benn Ltd of the book by Elizabeth Beresford and since the first broadcast of the television programme last year, their appeal has become much wider. They are due to return to the screen in mid-May.

The first products to appear in the range are peach scented Womble talc and apple scented Womble bubble bath. The packs - six for each product - have the dif-



ferent characters described and illustrated, and offer a strong collection incentive.

chy extend stribution

y recently announced their intention xtend their distribution to all quality nist outlets as well as Boots. This exsion of a *chemist only* distribution erlines their approach to the marketing peauty products in this country.

ichy are the French company who e for some 50 years manufactured skin products. The French have a word mo-pharmacy" which they feel exses how they see their products as the It of the planned use of pharmaceutechniques and standards in a dermagical laboratory environment. It is this with the pharmaceutical world that is basis for their insistence that their pros are only sold in chemists where they they really belong.

ichy are very anxious to maintain the est collaboration with chemists and vide them with the latest information their products which are designed to protect and treat the skin. For nple in the case of ageing skin, to vate cellular regrowth, or in cases of ssive secretion of sebum in oily skin, egulate the balance of oil and moisture. structure of the skin is extremely plex and Vichy feel that the health efficient function of this organ is imant to the health of the body itself ch is the first concern of the chemist. ichy however, point out that their pretions are designed in relation to a

which is considered basically healthy



and not for skin which requires medical treatment ie acne etc. The decision whether the skin needs treatment by a doctor or skin care is one that should be made in a pharmacy.

Vichy are often asked if their approach to skin care and more specifically their chemist only distribution policy, will be a permanent policy and their answer to this is a definite "yes". They are aware that they are pioneering a totally new concept in skin care in this country. They are confident that with the help and collaboration of the chemist they can bring to women in the UK serious skin care designed to promote and maintain a healthy skin and consequently a beautiful skin, without any unnecessary trappings.

Yardley and Kodak at the Race of Champions

In line with their policy of supporting Formula 1 racing and promoting their investment in the McLaren Grand Prix team, Yardley were at Brands Hatch for the Race of Champions on March 17. Mike Hailwood, who had already shown his prowess by taking a Yardley McLaren to fourth and fifth places in the opening rounds of the 1974 world championships, finished fourth in the race which was won by J. Ickx.

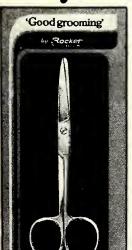
Racegoers had the chance to sample and buy selections from the Yardley ranges of perfume, makeup, beauty preparations and men's products from shops that were situated along the main service road between the Grandstand and paddock gate. Samples were distributed by Yardley promotion girls.

In the paddock Yardley entertained guests, buyers and Press.

Also at Brands Hatch was a speciallyconstructed 100ft long Kodak camera gallery. The two-tiered gallery holds approximately 125 photographers, giving them an unrivalled view of motor racing at one of the most famous bends at Brands Hatch - Druids bend.

This advantage can be put to the test in a photographic competition run by Kodak which will feature photographs taken at the British Grand Prix to take place on July 20. Details of the competition are still being worked out but it will be open to amateurs only and the judges will be looking for "atmosphere" pictures.

New beauty grooming range by Rocket of London



~launched with this total plan for sales success

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- **★ NATIONAL ADVERTISING**
- *TOP QUALITY STAINLESS STEEL
- ***COMPETITIVE PRICES**

For fast turnover and big profits.

New Rocket range includes Nail & Cuticle scissors. Nail files. Emery Boards. Eyebrow Tweezers. Nurses scissors in 4", 5" & 6", all in individual packs. Also available Surgical

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SWISS BIO-FACIAL

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